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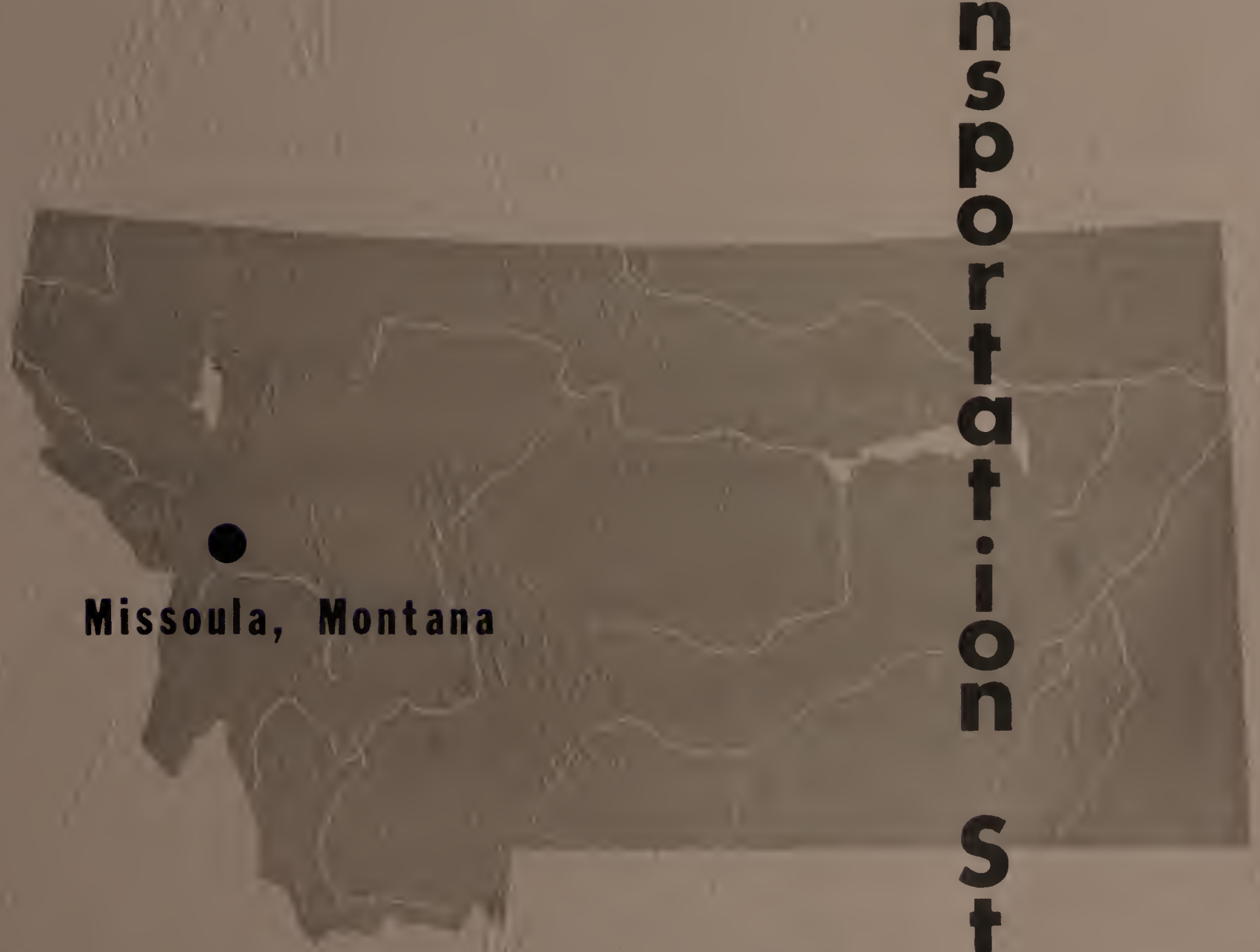
1965

PROCEDURAL MANUAL

CODING

Urban Transportation Study



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PROCEDURAL MANUAL

CODING

URBAN TRANSPORTATION STUDY
MISSOULA, MONTANA
NOVEMBER, 1965.

MISSOULA CITY-COUNTY PLANNING BOARD
CITY HALL
MISSOULA, MONTANA

In cooperation with
MONTANA HIGHWAY COMMISSION
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

Prepared By
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APPENDICES

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PART I

INTRODUCTION

This manual was prepared to satisfy three requirements:

1. To instruct the coders on the operation of the coding phase of the Transportation Study and the procedures to be followed.

2. To explain the coding requirements for the Survey forms.

3. To provide a listing of all codes used in the coding of Survey forms with detailed instructions on their application. (Except for codes required for the geographic locations of trip origins and destinations.)

A. DATA COLLECTION

One of the major tasks of data collection was to obtain information on trip making and on parking. The gathering of this data was organized into four basic surveys:

1. The home interview survey
2. The truck-taxi survey
3. The external survey
4. The parking survey

Data in all of these surveys was gathered by personal interview with the exception of the parking survey, where some of the parking information in areas of all-day parking was obtained by postal questionnaires.

1. The Home Interview Survey

The respondents were selected by a random systematic sampling of all dwelling units in the Study Area. The sampling process was designed to include one dwelling unit in five for personal interview. Travel for a designated 24-hour period was recorded for all members of the sample dwelling unit five years of age or older. In addition, information on household characteristics was obtained. About 2,700 dwelling units were contacted for interview.

2. The Truck-Taxi Survey

The respondents were selected from a random systematic sample of all trucks registered in the Study Area. In addition, all taxis and school buses were included in the sample. The sample vehicle's trip information was recorded for a designated 24-hour period. In addition, other pertinent information regarding the sample vehicle was obtained. About 1,000 truck owners and operators were contacted for interview.

3. The External Survey

The respondents for this survey were selected from vehicles entering and leaving the Study Area at roadside interview stations. The driver of the sample vehicle was asked to supply information regarding the trip that caused the vehicle to pass the roadside station. About 10,000 interviews were conducted at the roadside stations.

4. The Parking Survey

The respondents to this survey were the persons parking their automobiles in the Central Business District of Missoula. The downtown destination and other parking characteristics were asked of the parker. In the areas of all-day parking, similar information was obtained through a postal questionnaire. About 15,000 parker interviews were conducted.

B. DATA CODING

The coding phase is a very important part of the Transportation Study. The people in the coding section are responsible for accurately translating written information contained on the various survey forms into numerical code, which are suitable for application to machine processing. With the vast amount of information collected, it is essential that the data be processed by electronic accounting machines (EAM).

1. Organization

The coding operation is organized to process the various information obtained from the surveys in a fast and accurate manner. Since some of the information collected pertains to only a particular survey and other information is common to all of the surveys, the coding operations involved are somewhat complex. To simplify the process and to maintain accuracy, all coding functions will be systematized by dividing the work into several separate and distinct operations. Each coding operation is assigned to individuals specifically trained for the operation. This makes everyone a specialist in his own coding operation.

Each major coding function has one or more coders who are responsible for the operation and control of their respective coding function. The coders report to the coding supervisor, who is responsible for the proper completion of all survey forms processed by the coding section.

The coding supervisor is directly responsible to the Consultants' Resident Planner.

2. The Coder

Each coder is expected to code the information contained on the survey forms to the best of his or her ability and with as much dispatch as possible. Coding personnel are required to follow the personnel regulations established by the Consultants' Resident Planner. The coder is paid on an hourly basis and hired for the duration of the Study's coding operation only.

The coder must read this guide and become familiar with the codes listed in the Appendices. However, each coder will be instructed in a particular function of coding and subsequently, become a specialist in that field of coding. This manual should be kept by the coder at his or her place of work for quick reference. In addition, the home interview, truck-taxi, external and parking survey manuals will be available for the coders to verify interview procedures.

C. THE CODING OPERATION

The coding of the vast amount of information gathered in the four basic surveys has an important bearing on the final results of the Transportation Study recommendations. No matter how complete the information collected in the field may be, it must be coded accurately to be valid for machine processing and subsequent analysis. The information obtained during the data collection phase of the Study is the basis for all analysis and projections made by the Study staff. It cannot be stressed too much just how important coding accuracy is in the early stages of the Study of this type. It is the duty of each person in the coding section to put forth every effort required to code all information accurately and with as little delay as possible.

No one is expected to memorize all of the codes required for any of the coding functions; therefore, guides have been prepared for use by the coders. These coding guides are grouped into two major categories:

"Geographic Coding Guides" and

"General Coding Guides"

1. Geographic Coding Guides

These guides are used for geographically locating trip origins and destinations found on the survey forms. These "trip ends", when in the Study Area, may be recorded in many ways. The interviewers and respondents (in the postal questionnaire parking survey) have been instructed to record full street addresses. If this has not been possible, the nearest street intersection has been recorded, and if this was not known, a nearby prominent building or place name has been identified. If the origin or destination lies outside the Study Area, the civil division, county, and state has been recorded. To be able to locate geographically, as many trip ends as possible, various geographic coding guides are furnished.

a. Trip Generator Guide. This guide lists alphabetically such major trip generators in the area as schools, churches, office buildings, theaters and work places - each generator has a five-digit geographic code.

b. External Guide (Montana and Idaho). This guide lists civil divisions outside the Study Area, but inside the State of Montana and Idaho and gives their five-digit geographic code.

c. External Guide (Other States). This guide lists all counties within the United States outside Montana and Idaho and gives their five-digit code. Also included are locations outside the United States.

d. Coding Map. In the event that a street address or the geographic location given on a survey form for a household or a trip end cannot be located by using the coding guides, the geographic coder will identify the location on the appropriate code map.

2. General Coding Guides

The general coding guides are used for converting information other than geographic locations, into numeric codes. The guides used for general coding are listed below:

a. Occupation-Industry Guide. This guide lists major occupations and industries of respondents. A one-digit code is assigned each occupation grouping and a one-digit code for each industry grouping.

b. Time of Day Guide. This guide breaks down a 24-hour period into a three-digit code. A 24-hour system is used as a basis for the time codes. Minutes in an hour are grouped into tenths of an hour.

c. Land Use Guide. This guide classifies land uses by a two-digit code. Establishments such as schools, food markets, dairies, factories, parks and airports are classified by these two-digit codes.

d. Business-Industry Guide. This guide lists possible businesses and industries of truck and taxi owners. A two-digit code is used to define the types.

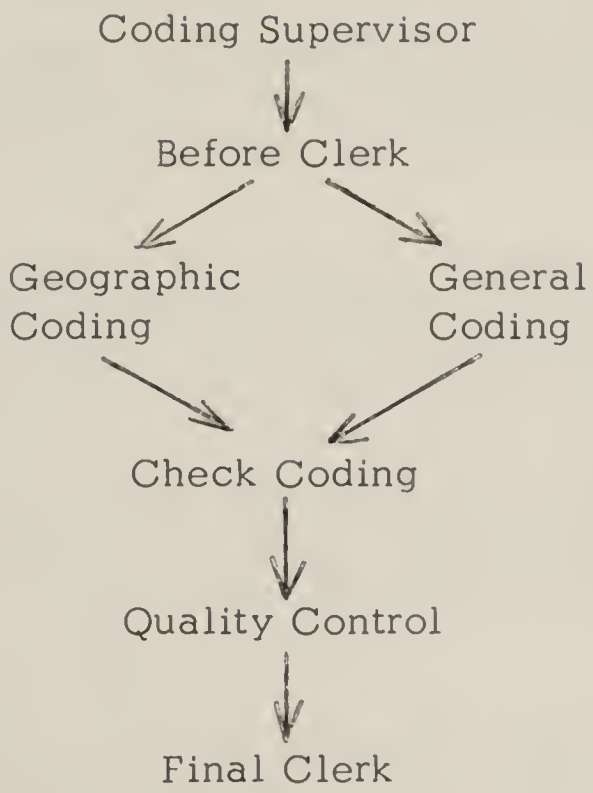
e. Travel Day and Date Guide. This guide lists the appropriate codes for the particular travel date.

In addition to the guides outlined above, there are lists on the survey forms themselves that are used for coding. Information such as trip purpose, age, sex and race, stop purpose, truck trip purpose, mode of travel, and type of parking, are sometimes self-coded by the interviewer. Most of the information, however, will be coded within the coding section, and all items coded will be reviewed and checked while the form is being processed through the coding section.

PART II

CODING INSTRUCTIONS BY FUNCTION

Basically, the coding section is divided into seven major coding functions. The following diagram indicates the work flow of the coding operation.



The coding supervisor is responsible for the over-all day-to-day coding operations. Acting upon directions from the Consultants' Resident Planner, the coding supervisor selects the collected data for coding and passes it to the "before clerk."

The duties of the "before clerk" are to check that each survey form is contained within the batch. Next, the "before clerk" will examine each form within the batch and verify that the information contained on the form is adequate for coding. If the information is thought to be inadequate, it is the "before clerk's" responsibility to clarify the data with the coding supervisor so that it may be coded. Upon completion of the review, the "before clerk" passes the data on to geographic and general coders.

The geographic coders are responsible for coding the trip ends as well as the home addresses, etc. The geographic coders will use coding guides as well as coding maps in their work.

The general coders are responsible for coding all the information with the exception of the geographic codes. The general coders also will use coding guides. More detailed duties of the general coders as well as the geographic coders will be discussed later in this chapter. Upon completion of the geographic and general coding, the field data forms will be passed on to the check coder.

As the name infers, the check coder's major function is the checking of the information coded on the forms. All forms, after being processed by the geographic and general coders, are given to the check coder. All items to be checked on the survey form are coded on a check coding form. After completing the check coding, the codes on the survey form are being compared against the codes on the check coding form. All discrepancies are noted and all forms are then passed on to the quality control operation.

At the outset of the coding operation, all forms will be check coded. As the quality of coding increases, the rate of check coding will decrease until no check coding will be done. This is only true of general coding. Geographic coding will maintain a 100 percent check coding operation.

It is the responsibility of the quality control coder to process the discrepancies between the codes on the field form and the codes on the check coding form. The quality control coder will search for the correct code in the appropriate coding guide and make the necessary changes on the survey form. A report is made of all errors and the coders that make the errors are instructed in the proper coding process. Upon completion of the quality control operation, the forms will be passed on to the "final clerk."

The "final clerk" is the last person in the coding section to review the survey forms. When the field forms are processed through all coding operations and ready for key punching, the "final clerk" will again examine each form to insure all information to be coded has been coded, and that every coding box has been filled.

A. GEOGRAPHIC CODING

The major function of geographic coding is to code all locations on all survey forms processed through the coding section.

1. Interview Address Summary

Each sample must have an Interview Address Summary, Form T-14. If any trips were reported they will be recorded on the reverse side of the Form T-14 (Internal Trip Report Form T-14A). If more than six trips were made they will be recorded on additional forms T-14A. Following are some recommended procedures to be used for geographic coding of the Interview Address Summary Form.

a. Zone Number. First, the coder will check and see if the zone number coded on Form T-11 corresponds to zone number coded in coding boxes 8 and 9.

b. List and Line Number. Secondly, the coder will check and see if the list number and line number on Form T-11 correspond to list and line numbers coded in coding boxes 4, 5, 6 and 7, respectively.

c. Interview Address. Third, the coder will enter the appropriate geographic code for the interview address into coding boxes 16, 17, 18, 19 and 20. The coder will use a coding map to determine the appropriate code.

d. Home Code Number. Fourth, the coder will transfer the interview address code onto the dash lines at the top left hand corner "Home" Geographic Code Number, of Internal Trip Report, Form T-14A.

With this completed, the coder will move onto the trip report, Form T-14A.

2. Internal Trip Report

The coder will start with the first trip listed on the trip report and work down the form. Following are some notes on coding the trip information.

a. Sample Number. The coder will first check that the sample number agrees with the sample number on the front side of the form and on all attached forms.

b. Home. When the word "Home" is written as the origin or destination of the trip, the coder will transcribe the geographic code listed at the top left hand corner of the form.

c. Origin and Destination. A five-digit geographical code will be coded for each origin and destination of each trip. Many times more than one person from the sampled household will make the same trip. When this happens, rather than looking up the address each time, just transcribe the code into the correct coding box.

d. Number of Trips. The coder should make sure that all trip ends have been coded. Check to see if the number of trips posted in Section V, Item A have been coded.

3. Truck and Taxi Report

These forms, grouped by list (12 interviews to a list) will be processed in batch form. The coder will check the list of truck's form to verify the sample number of each schedule. Following are the recommended coding procedures.

a. List and Line Number. First, the coder will check and see if the list number and the line number on Form T-7 correspond to the list and line numbers coded in coding boxes 4,5,6 and 7, respectively.

b. Garaging Address. Secondly, the coder will note the garaging address (Item 8). The interviewer will either have written in an address, or he would have written in "same", if the owner's address is the same as the garaging address. The coder will look up the geographic code for the garaging address and enter the five-digit code into boxes 8, 9, 10, 11, and 12.

c. Origin and Destination. The coder will then code the trip ends given for each trip. Note that the "base of operation" is not always the garaging address. The coder must make sure that all trip ends having the same address have the exact same geographic code. If an address is given more than once, the coder need not look it up the second time it is used.

d. Number of Trips. Check that the correct number of trips have been coded. Item 12 records the number of trips. The number of streets involved has been written in the top right hand corner of the form.

4. External Trip Report

These forms have been grouped by hour by direction for each external station. The external trip report differs from the other trip reports in that only one trip is recorded for each vehicle crossing the cordon line. The other trip reports deal with either a single vehicle or a household and may involve many trips by different perscns or by one vehicle.

a. Origin and Destination. The coder will code the trip ends given for each trip. The coder must note that in all cases one or both trip ends must be outside the Study Area.

b. Route Exit or Entrance. If both origin and destination are outside the Study Area, an entry must appear in column 9, "Route Exit or Entrance." The geographic coder should enter the appropriate external cordon station number in columns 31 and 32. A check should be made to insure that the station number (code boxes 2 and 3) and Route Exit or Entrance (code boxes 31 and 32) are not the same. A vehicle interviewed at the external cordon line cannot be entering and leaving the Study Area through the same station on this particular trip.

5. Parking Interview Form

Parking interviews have been obtained by persons stationed along the curb or in off-street facilities in the Central Business District of Missoula. Each form represents one complete parking information on location of parking, parker origin, downtown destination, the purpose of parking, etc. The forms are in batches by location number.

a. Origin. The coder should enter the appropriate five-digit geographic code for the origin. The origin may be inside the Study Area or outside.

b. Destination. The coder should enter the appropriate five-digit Central Business District block number. An appropriate Central Business District block number map has been prepared for this purpose.

c. Home Address. The coder should enter the appropriate five-digit geographic code for the home address. The home address may be inside or outside of the Study Area.

6. Parking - Postal Questionnaire

In some areas of the Central Business District of Missoula, parking interviews are difficult to obtain because of long-term parking. In these areas, postal questionnaires were left under the windshield wiper of the parked car. These questionnaires were filled out by the respondent and were mailed to the Transportation Study offices in Missoula. The completeness of information is not as good as that obtained through direct interview. Often the respondent has left some questions unanswered. The postal questionnaire was designed without coding boxes. Coding of information has to be done on a separate forty-column coding form. In coding parking postal questionnaires, the geographic coder is responsible for coding all the information. Coding of this form will be discussed in greater detail later in this manual. A few comments on geographic coding are outlined as follows:

a. Origin. The coder should enter the appropriate five-digit geographic code for the origin. The origin may be inside the Study Area or outside.

b. Destination. The coder should enter the appropriate five-digit Central Business District block number. An appropriate Central Business District block number map has been prepared for this purpose.

c. Home Address. The coder should enter the appropriate five-digit geographic code for the home address. The home address may be inside or outside of the Study Area.

7. General Geographic Coding Instructions

The following explanations are pertinent to all geographic coding:

a. Street Address. When a street address is given for a location, first determine if it is inside or outside of the Study Area. If inside, look up the address on the appropriate coding map, noting the five-digit code number. If the address is located on a street that is also a zone boundary, observe the house number to see if it is odd or even and locate the trip end in the appropriate side of the street and in the proper analysis zone. If the street address is outside the Study Area, refer to the appropriate coding guide for the code number.

b. Street Intersection. When a street intersection is given, first determine if the trip end is inside or outside the Study Area. If inside, refer to the proper coding map for the specific code number. If outside, refer to the appropriate coding guide for the five-digit code number.

c. Local Place. When no street address or intersection is given but a name of a building, a company, or a local place name is given, then the trip generator guide will be used. Normally, the trip generators are listed by the most important word in the name of the building or company. This type of listing is similar to the telephone directory. The coder will look up the appropriate guide and transcribe the correct code number.

d. City and State. When a city and the state is given as one of the trip ends, the coder should refer to the appropriate external coding guide for the correct five-digit code.

e. Coding Quality. The coder must be careful that all digits are clearly and correctly recorded. An unidentifiable digit may be key punched wrong. The most common error made in geographic coding is the transposing of digits. Extreme care must be taken to ensure that this does not occur. If there is any question about how to code a given trip end, do not discuss it with another coder. Instead, take your problem to the supervisor for clarification. Due to the great amount of concentration required to code trip ends correctly, it is necessary that talking among coders be kept to a minimum at all times. This rule will be strictly enforced. Ask the supervisor if you do not understand any portion of a form.

f. Completeness. When it becomes impossible for the coder to locate a trip end, it must be taken up with the supervisor. No trip ends should be left uncoded. Never delete a trip from a survey form without first consulting the supervisor and a decision will be made. Then if it is necessary to delete the trip, an appropriate record should be kept of deleted trips. Always read the interviewer's remarks; they sometimes clarify a trip end.

B. GENERAL CODING

General coding involves coding many separate coding categories. Each category requires specialization by the coder. Following are the different types of coding categories found in general coding. The procedures for coding individual forms are explained in Part IV of this manual.

1. Occupation and Industry Coding

   The coder will code the occupation and industry of the head of the household and persons five years old and over. The occupation and industry guide will be used.

2. Business and Industry Coding

   The coder will code the business and industry of each truck owner or operator. The business and industry guide will be used.

3. Time Coding

   The coder will code the time each trip starts and ends as given on the survey forms. The coder will also enter the hour code for the external station operation. The time coding guide will be used.

4. Land Use Coding

   The coders will code the land use at each trip origin and destination except when the trip end is outside the Study Area. No land use coding is necessary in the parking survey. The land use coding guide will be used.

5. Transfer Coding

   All of the survey forms require either transfer coding or other types of coding not covered in the above functions. This includes the following operations:

   a. On the Form. In most cases the codes for certain information are printed directly on the survey forms. Items such as age, mode of travel, trip purpose, stop purpose, and type of parking may be coded using the codes printed on the forms. Much of the coding required for these items is completed by the interviewer. The coder needs only to check the accuracy and clarity of the code.

   b. Transfer. Transferring of codes from one side of a form to the other is necessary when the age, occupation and industry codes are transferred from the form T-14 to T-14A.

PART III

CODING RULES AND OFFICE PROCEDURES

A. BASIC CODING RULES

During the coding process, work will be assigned to each coder by the supervisor. The coders will follow the procedures outlined for each particular function and code the survey forms as described in this manual. However, there are certain basic rules that must be followed to maintain a high degree of consistency. They are:

1. Accuracy and legibility is of prime importance.

2. When in doubt as to the proper code classification, discuss the matter with the supervisor.

3. When a precedence has been set for any particular type of information, remain consistent when coding that type of information throughout the coding process.

4. Although it will be necessary to divide batches into smaller units within a coding operation, never separate the survey forms any smaller than list level for the home interview forms (8 samples) or the truck and taxi forms (12 samples). Do not separate the external forms into any smaller units than the group of forms for a one-hour period. The postal questionnaires are to be kept in batch form at all times.

5. The survey forms are to be transmitted between coding operations in batch form only. That is, from before clerk - to general coding - to quality control coding - to geographic coding - to the final clerk.

6. Never erase anything written on a survey form by an interviewer except to clear the coding boxes or to correct spelling.

7. No changes should be made on apparent errors made by the interviewer without the supervisor's approval.

8. In most cases, when any numerical codes on a survey form has fewer digits than coding boxes, prefix the code with zeros (0) to fill up the empty boxes. Exceptions to this are noted for each individual form in Part IV of this manual.

9. Any inconsistency in information recorded by the interviewer should be reported as soon as possible to the supervisor.

10. No coding box (except as noted in Part IV) should be left blank. If it is not to be key punched, it must have a line drawn horizontally through it.

11. No final disposition code can be changed without approval of the coding supervisor.

12. No trips can be deleted without approval of the coding supervisor.

13. Trips may be added if found necessary, with the approval of the coding supervisor.

14. Talking between coders must be kept to a minimum at all times.

15. Only the coding supervisor is permitted to search outside the coding area for information not covered in the coding guides.

16. Colored pencils are to be used for all coding to maintain consistency. The following pencils will be used for the type of coding given:

Red -	Used for all coding boxes by general and geographic coders.
Purple -	Used for the small check marks designating check coding.
Green -	Used in quality control to designate changes made.
Blue -	Used by the final clerk to designate changes or additions made prior to key punching.

B. OFFICE PROCEDURE

Working hours are from 8:00 AM to 5:00 PM, Monday through Friday of each week. Break periods of 10 to 15 minutes are permitted in the morning and afternoon. A one-hour lunch period will be from 12:00 Noon to 1:00 PM.

Salaries are governed by the rates established by the Consultants and shall be maintained until the coding operation is completed. Daily time records will be kept by the supervisor. Payment will be made once a month.

C. WORK CONTROL AND REPORTS

Great care and expense have been expended to obtain the survey forms to be coded. In order that maximum results may be realized, extreme care must be taken to control the information processed through the coding section. In addition, to evaluate the degree of coding accuracy and speed, reports must be completed by the coders and supervisory personnel. Following is a brief explanation of each of the internal forms that are to be used in the coding section:

1. Master Control Form

   This form is maintained by the before and after clerk and summarizes the amount of work to be coded, in coding and ready for key punching.

2. Check Coding Form

   There are five check coding forms prepared to be used for checking the accuracy of the coders. These forms are used to check general and geographic coding. Geographic coding check will use the check coding forms for about a week. Then, the checking will be done directly on the survey forms. General coding check will use the forms until the coders are proficient enough to code the information with a minimum amount of error. All survey forms will be check coded at first. The percent of survey forms check coded will diminish as the coding quality improves. Survey forms check coded will be the address summary, the internal trip report, the truck and taxi report, the external trip report and the parking interview.

3. Coders Weekly Production Report

   This form is used to record the weekly production of each coder in the coding section. The form will be collected by the chief coder at the end of each week; however, the progress report must be kept accurate each day. It is recommended that each coder keep a running account of work throughout the day on a scratch pad and fill in the form at the end of each day. Following are the instructions for filling out the form:

   a. Sheet Heading: Fill in the area at the top right corner of the form as stated on the form.

   b. Day - Date: Each day enter the day and date, then complete the line. If more than one batch was processed during any one day, more than one line may be needed.

c. Survey: Indicate from which survey the batch was taken. That is, home interview, truck and taxi, external, or parking.

d. Batch Number: Indicate the batch number of the schedules processed.

e. Number of Schedules Coded: Enter the number of schedules in the batch listed in the preceding column that have been coded.

f. Number of Trips Coded: Enter the total number of trips or items relating to trips that you have coded in the batch marked in the "Batch Number" column.

g. Trips Deleted: Enter, if it becomes necessary, the number of trips deleted from the batch. All deletions must be approved by the coding supervisor. Normally, only geographic coders will have need for this column, other coders will enter "N/A" (not applicable).

h. Errors Reported: (Not completed by coder) The coding supervisor will mark in this column the number of errors made by the coder, as reported by the quality control department.

i. Remarks: (Not completed by coder) Normally, the coding supervisor will use this area to remark on the coder's errors or ability in general. (It may be necessary for the coder to use this area for some comment.)

PART IV

DETAILED CODING INSTRUCTIONS

This part of the manual describes the coding required for each of the six survey forms to be processed through the coding section. In addition, this part will be used as a permanent record of the information to be punched into each column of the IBM cards prepared from the survey forms.

Each survey form is assigned a card number which identifies it for data processing. They are as follows:

Card No. 1	Interview Address Summary, Form T-14, Home Interview Survey
Card No. 2	Internal Trip Report, Form T-14A, Home Interview Survey
Card No. 3	External Trip Report, Form T-1, External Survey
Card No. 4	Truck and Taxi Report, Form T-8, Truck and Taxi Survey
Card No. 5	Parking Interview, Form T-20, Parking Survey
Card No. 6	Parking, Postal Questionnaire, Form T-21, Parking Survey

Each coding box (card column) contained on the six survey forms listed above are explained in this part of the manual. All codes used for general coding are listed in the Appendix. Geographic coding guides are not provided in this manual due to the size of the guides.

It is recommended that each coder become familiar with the coding requirements for each survey form. Special attention should be paid to the particular function assigned each coder. If there are any questions pertaining to any part of the coding instructions, ask the coding supervisor for clarification.

A. CARD NO. 1 - INTERVIEW ADDRESS SUMMARY, FORM NO. T-14

Column Number

1 — Card Number: The card number is printed on the form - no coding is required.

2 thru 7 — Sample Number: The coder enters in boxes 2 thru 3 the day of the survey (See "Travel Day Calendar"). The coder enters in boxes 4 thru 6 the list number as it appears on the form and on the batch Form T-11. The coder will enter the line number in box 7 as it appears on the form and on the batch Form T-11. The coder must check to see that the sample number has been transcribed correctly from the Form T-11.

8 thru 13 — Census Tract Number: The coder enters in the boxes 8 thru 9 the Zone number found on Form T-11. Coding boxes 10 thru 13 should be sliced / .

14 — Structure Type: The coder enters in the coding box the type of structure found at the sample address. One of the following codes will be given:

Code 1.	Single unit	Code 6.	Rooming house
2.	Two family unit	7.	Hotel
3.	3-4 family unit	8.	Motel
4.	5-19 family unit	9.	Institution
5.	20 or more family apt.	0.	Trailer

If any of the structures in codes 1, 2, or 3 are combined with a commercial use, such as an apartment behind a fruit store, then the "mixed" box will be checked. This will signal the key puncher to introduce an "X overpunch" in column 14.

15 — Type of Living Quarters: The coder will enter the code for the type of living quarters at the sampled address. One of the following will be given:

Code 1. Dwelling unit
Non-dwelling unit quarters (permanent)
2. Room
3. Bed
4. Other person
Non-dwelling unit quarters (temporary)

FORM T-14

CLARK, COLEMAN & RUPEIKS, INC.

PLANNING CONSULTANTS

URBAN TRANSPORTATION STUDY

MISSOULA, MONTANA

INTERVIEW ADDRESS SUMMARY

CARD NUMBER [1] [ ]

CENSUS TRACT NUMBER [8][9][10][11][12][13] [2][3][4][5][6][7]

SECTION I

A TRAVEL DAY AND DATE _____ _____ DIST NO _____ LIST NO _____ LINE NO _____

B STRUCTURE TYPE
1. SINGLE FAMILY 3. 3-4 FAMILY APT. 5. 20 OR MORE FAMILY APT. 7. HOTEL 9. INSTITUTION
2. TWO FAMILY 4. 5-19 FAMILY APT. 6. ROOMING HOUSE 8. MOTEL 0. TRAILER . . . . . MIXED ☐ [14]

C TYPE OF LIVING QUARTERS [15]

DWELLING UNIT	NON-DWELLING UNIT QUARTERS (PERMANENT)			NON-DWELLING UNIT QUARTERS (TEMPORARY)		
1.	2. ROOM	3. BED	4. OTHER (PERSON)	5. ROOM	6. BED	7. OTHER (PERSON) . . . .

D _____ INTERVIEW ADDRESS (STREET NUMBER AND NAME) _____ (MUNICIPALITY) _____ CITY VILLAGE TOWN _____ (COUNTY) [16][17][18][19][20][21][22][23][24][25]

SECTION II

A HOW MANY AUTOS OWNED HERE [26] COMPANY OWNED [27] . . . . . TOTAL [28]

B HOW MANY PERSONS LIVE HERE . . . . . [29][30]

C HOW MANY PERSONS 5 YEARS AND OVER LIVE HERE . . . . . [31][32]

D HOW MANY OUT-OF-AREA VISITORS 5 YEARS AND OVER LIVE HERE . . [33][34]

E SEX AND RACE OF HEAD OF HOUSEHOLD 1. WM 2. WF 3. OM 4. OF . . . . . [35]

F FAMILY INCOME RANGE *(ASK THIS QUESTION AFTER ALL OTHER QUESTIONS HAVE BEEN ANSWERED)* . . [36]

SECTION V

A TRIPS REPORTED AT THIS ADDRESS . . . . . [37][38]

B PERSONS MAKING TRIPS . . . . . [39][40]

C PERSONS NOT MAKING TRIPS . . . . . [41][42]

D PERSONS 16 YEARS AND OVER . . . . . [43][44]

E PERSONS 16 YEARS AND OVER LICENSED TO DRIVE . [45][46]

COMPLETED OR NON-INTERVIEW CODE . . . . . [47]

SECTION III DATA FOR PERSONS 5 YEARS AND OVER (INCLUDES OUT-OF-AREA VISITORS)

* CIRCLE PERSON NUMBER OF EACH PERSON INTERVIEWED

A PERSON NO. *	B PERSON IDENTIFICATION (RELATIONSHIP TO HEAD OF HOUSEHOLD)	C SEX AND RACE	D DRIVE A CAR (✓) YES	D NO	E SEX RACE CODE	F AGE	G AGE CODE	H OCCUPATION	H CODE	H CODE	INDUSTRY	J USED TRIP LOG YES	J NO	K TRIPS MADE YES	K NO
1		M F W O													
2		M F W O													
3		M F W O													
4		M F W O													
5		M F W O													
6		M F W O													
7		M F W O													
8		M F W O													
9		M F W O													
10		M F W O													

SEX AND RACE CODES

	DRIVER	NON DRIVER
MALE WHITE	1	5
FEMALE WHITE	2	6
MALE OTHER	3	7
FEMALE OTHER	4	8

AGE CODES

CODE	AGE GROUP	CODE	AGE GROUP
0.	5 to 9	6.	35 to 44
1.	10 to 14	7.	45 to 54
2.	15 to 19	8.	55 to 64
3.	20 to 24	9.	65 AND OVER
4.	25 to 29	R	NOT REPORTED
5.	30 to 34		

EDITING AND SUPERVISORY COMMENTS:

SECTION VI

CONFIDENTIAL THE INFORMATION CONTAINED IN THIS SURVEY WILL BE ACCORDED CONFIDENTIAL TREATMENT BY THE MISSOULA CITY-COUNTY PLANNING BOARD. INDIVIDUAL REPORTS WILL BE USED FOR STATISTICAL PURPOSES ONLY

INTERVIEWER _____

CALLS MADE DATE	CALLS MADE TIME	APPOINTMENTS DATE	APPOINTMENTS TIME

REPORT COMPLETED

DATE _____ TIME _____ INITIALS _____

TELEPHONE NUMBER _____

INTERVIEWERS NOTES AND COMMENTS:

WERE TRIP LOGS DELIVERED PERSONALLY ? 1. YES 2. NO [48]

EDIT _____ INITIALS DATE _____ PASS FAIL _____

FOLLOW-UP _____ ASSIGNED TO _____ DATE

FOLLOW-UP EDIT _____ INITIALS _____ DATE

CODING CONTROL

STATION	CODED BY	DATE	STATION	CODED BY	DATE
1			4		
2			5		
3			6		

FORM T-14A

CLARK, COLEMAN & RUPEIKS, INC.
PLANNING CONSULTANTS

URBAN TRANSPORTATION STUDY
MISSOULA, MONTANA

INTERNAL TRIP REPORT

"HOME" GEOGRAPHIC CODE NUMBER ____ ____ ____ ____ ____ ____

SECTION IV

CARD NUMBER 1 [2]

SAMPLE NUMBER ____ (2 3 4 5 6 7)

SHEET ____ OF ____ SHEETS

A	B	C	D	E	F	G	H		J		K		L		M	N	O	P
SEX AND RACE	AGE	OCCUPATION AND INDUSTRY	PERSON NUMBER	TRIP NUMBER	WHERE DID THIS TRIP BEGIN ? (ORIGIN) STREET ADDRESS - CITY, VILLAGE OR TOWN - COUNTY	WHERE DID THIS TRIP END ? (DESTINATION) STREET ADDRESS - CITY, VILLAGE OR TOWN - COUNTY	TRIP PURPOSE		LAND USE (DESCRIBE AS COMPLETE AS POSSIBLE)		TIME OF		BLOCKS WALKED		MODE OF TRAVEL	WAS A CAR AVAILABLE ? *	AUTO DRIVERS ONLY	
							FROM	TO	ORIGIN	DESTINATION	START	ARRIVAL	AT ORIGIN	AT DEST			NUMBER OF PASSENGERS	TYPE OF PARKING
8	9	10 11	12 13	14 15	C V T 16 17 18 19 20 21 22 23	C V T 24 25 26 27 28 29 30 31	32	33	34 35	36 37	: AM PM 38 39 40	: AM PM 41 42 43	44	45	46	YES NO 47	48	49
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		

COLUMN H TRIP PURPOSE

1. WORK
2. PERSONAL BUSINESS
3. MEDICAL - DENTAL
4. SCHOOL
5. SOCIAL - EAT MEAL
6. CHANGE TRAVEL MODE
7. SERVICE PASSENGER
8. SHOPPING
9. RECREATION
0. HOME

COLUMN M MODE OF TRAVEL

1. AUTO DRIVER
2. AUTO PASSENGER
3. RAILROAD PASSENGER
4. BUS PASSENGER
5. SCHOOL BUS
6. TAXI PASSENGER
7. TRUCK PASSENGER
8. WALKED TO WORK
9. WORKED AT HOME

COLUMN O PARKING

1. STREET FREE
2. STREET METER
3. LOT FREE
4. LOT PAID
5. GARAGED FREE
6. GARAGE PAID
7. SERVICE OR REPAIR
8. RESIDENTIAL PROPERTY
9. CRUISED
0. NOT PARKED

* COLUMN N ASK THIS QUESTION IF THE MODE OF TRAVEL WAS A BUS OR RAILROAD PASSENGER.

5. Room
6. Bed
7. Other person

16 thru 25 — Interview Address: The coder will look up the address on the appropriate analysis zone map and enter the seven-digit code in boxes 16 thru 20. Coding boxes 21 thru 25 should be sliced / .

26 — How Many Autos Owned Here: The interviewer enters the number of private autos owned by the respondent. If none, a zero (0) should be in the box.

27 — How Many Company-owned Autos: The interviewer enters the number of company-owned autos at the respondent's residence. If none, a zero (0) should be in the box.

28 — Total Number of Autos Owned: The interviewer adds up box 26 and 27 and enters the total number of autos at the respondent's household. The coder will check addition. If no private auto is owned at the respondent's address, and if there is no company-owned car, then a zero (0) should be entered in this box.

29 and 30 — How Many Persons Live Here: The interviewer enters the total number of persons living in the sample household. If less than 10, the coder enters a zero (0) before the number in box 30. (Example: 03, 06, 09, etc.)

31 and 32 — How Many Persons 5 Years and Over Live Here: The interviewer enters in the number of persons 5 and over that live at the sample household. If less than 10, the coder enters a zero (0) before the number in box 32. This code can never be more than the number in columns 29 and 30. The number of persons shown in columns 31 and 32 should equal the number of persons listed in Section III, Column B.

33 and 34 — How Many Out-of-area Visitors 5 Years and Over Live at the Address: The interviewer enters in the number of visitors, if less than 10, the coder will enter zero (0) before Col.34. If no visitors, the coder enters a "00".

35 — Sex and Race of Head of Household: The interviewer enters in the box the code that describes the head of the household. One of the following codes will be used:

1. White - Male
2. White - Female
3. Other - Male
4. Other - Female

The code should agree with the sex - race given in Section III, Column C for the head of household.

36 Family Income Group: The interviewer enters in the box the number representing the family income.

1. $ 000 - $2,000
2. 2,000 - 4,000
3. 4,000 - 6,000
4. 6,000 - 8,000
5. 8,000 - 10,000
6. $10,000 - $12,000
7. 12,000 - 14,000
8. 14,000 - 16,000
9. 16,000 - over
R. Unknown

37 and 38 Trips Reported at this Address: The interviewer enters in this box the total number of trips reported on the Form T-14A. If there are less than 10 trips, a zero (0) is entered before the number. If there are more than 99 trips reported, enter a 99 in the boxes. If there are no trips reported, enter a "00". The total trips are used as a check against the number of trips reported.

39 and 40 Persons Making Trips: The interviewer enters in this box the total number of persons making trips. If there are less than 10 persons making trips, a zero (0) is entered before the number. If there are no persons making trips, enter a "00". This information is used as a check against the number of persons listed as making trips. The coder will verify the number given by counting the number of persons making trips.

41 and 42 Persons Not Making Trips: The interviewer enters the number of persons not making trips. If the number is less than 10, a zero (0) is entered to the left of the number. If none, enter a "00". The numbers in boxes 39-40 and 41-42 must add up to the number of persons entered in boxes 31-32 and 33-34.

43 and 44 Persons 16 Years and Over: The interviewer enters in this box the number of persons 16 years and over that live at the respondent's address. If there are less than 10 persons living at the address, a zero (0) is entered before the number in box 44. This can be verified by checking the number of persons over 16 years of age listed in Section III of this form.

45 and 46 — Persons 16 Years and Over Licensed to Drive: The interviewer enters in this box the number of persons over 16 that are licensed to drive. If less than 10 licensed drivers live at this address, a zero (0) is entered before the number. If none, enter a "00". This number must never exceed the number in boxes 43 and 44. Another partial check is in Section III.

47 — Completed or Non-interview Code: The editor in the home interview district office will enter the type of interview - complete or non-interview code.

Completed Interview Code - 0
Non-Interview Codes by Type:

Type A - Trips Possible
1. Refused
2. No one home
3. Other

Type B - No Trips Possible
4. Vacant unit
5. Residence out of area
6. Other

Type C - No Interview Possible
7. Demolished units
8. Commercial use only
9. Other

The code entered in this box should never be changed by the coder. If it is incorrect, only the coding supervisor may make the change.

48 — No entry

49 — No entry

50 — Age Code of Head of Household: Although this is not a numbered coding box, the key punch section will punch the code for the age of the head of the household. The instructions for coding is given below (Column G).

51 and 52 — Occupation and Industry of the Head of the Household: Although these are not numbered coding boxes, the key punch section will punch the code for the occupation and industry of the head of the household. The instructions for coding are given in Column H and I.

In Section III, the interviewer has filled in the information which the coder will code as follows:

Column E

Sex and Race Code: The coder will enter in this box one of the sex-race codes listed in the lower left hand corner of the form.

	Driver	Non-Driver
White - Male	1	5
White - Female	2	6
Other - Male	3	7
Other - Female	4	8

This code is arrived at by reviewing Columns C and D. The interviewer circles the letter describing the person (M- Male, F- Female, and W- White, O- Other). The interviewer will have marked if the person drives a car or not.

Column G

Age Code: The coder will enter in this box one of the age codes listed in the bottom left hand corner.

Code	Age Group	Code	Age Group
0	5 to 9	6	35 to 44
1	10 to 14	7	45 to 54
2	15 to 19	8	55 to 64
3	20 to 24	9	65 and over
4	25 to 29	R	Not reported (unknown)
5	30 to 34		

This code is arrived at by reviewing Column F. The interviewer will enter in Column F the age of each person listed in Section III.

Column H and I

Occupation and Industry Codes: The coder enters in these boxes the code that represents the occupation and the code that represents the industry of each person listed in Section III. The codes for these columns are listed in the Appendix. The generalized codes used are as follows:

H. Occupations (See Appendix, "Occupation Codes" for detailed breakdown).

1. Professional, technical and kindred workers
2. Managers, officials and proprietors
3. Clerical and kindred workers
4. Sales workers
5. Craftsmen, foremen, and kindred workers
6. Operative and kindred workers
7. Service workers
8. Laborers and farm workers
9. Special classifications

I. Industry (See Appendix "Industry Codes" for detailed breakdown).

1. Retail trades
2. Services - personal, business, professional
3. Wholesale trade
4. Manufacturing
5. Utilities, communication, transportation
6. Government, institutional, religious
7. Public service, outdoor
8. Agriculture
9. Construction
0. Extractive

B. CARD NO. 2 - INTERNAL TRIP REPORT, FORM NO. T-14A

If trips have been made by any resident of the sample household 5 years of age or over on the travel day designated, an internal trip report is filled out by the interviewer and coded by the coding section. The form has space for the accounting of six trips. If residents of the household made more than six trips on the travel day, additional copies of Form T-14A will be attached by the interviewer, and numbered accordingly in the upper right hand corner (sheet-of-sheets). The coder makes sure that all sheets are accounted for before coding.

A space is provided in the upper left hand corner of this form for the "home" geographic code numbers. This code is transferred carefully from boxes 16 through 20 (inclusive) of Form T-14. Once the transfer has been made, this geographic code isused each time "home" is entered in Column F or G of Form T-14A.

Column Number	
1	Card Number: The card number is on the form - no coding is required.
2 thru 7	Sample Number: The interviewer writes in the sample number given on the front side of the form. The sample number appearing here and on all additional trip sheets must bear the same sample number. The sample number is explained in Card No. 1, Columns 2 through 7.
Note:	The lined-off areas, Columns A, B and C, contain information coded on Form T-14 (the front side of Form T-14A). All that is required is to transfer the codes for the correct person number from the address summary side to the internal trip report side. Although the transfer itself is elementary, great care must be given in the transfer to code the information for each person number correctly. Starting with the first trip listed, the interviewer observes the corresponding person number and transfers the codes for sex and race, age and occupation - industry for that person. This is repeated for all trips made by members of the household.
8	Sex and Race (Col. A): Using Form T-14, transfer the sex and race code for the person number in Column D of the trip report. See Card 1, Column E instructions.
9	Age (Col. B): Using Form T-14, transfer the age code for the person number in Column D of the trip report. See Card 1 Column G instructions.
10 and 11	Occupation and Industry (Col. C): Using Form T-14, transfer the occupation and industry codes for the person number in Column D of the trip report. See Card 1, Column H & I instructions.
12 and 13	Person Number (Col. D): The person number listed by the interviewer is transcribed to the coding boxes. If the number is less than 10, place a zero (0) before the number.
14 and 15	Trip Number (Col. E): The trip number listed by the interviewer is transcribed to the coding boxes. If the number is less than 10, place a zero (0) before the number. The trips for each person in a household must be numbered sequentially in the order they were made.

FORM T-14A

CLARK, COLEMAN & RUPEIKS, INC.
PLANNING CONSULTANTS

URBAN TRANSPORTATION STUDY
MISSOULA, MONTANA

INTERNAL TRIP REPORT

"HOME" GEOGRAPHIC CODE NUMBER ____ ____ ____ ____ ____

SECTION IV

CARD NUMBER 1 [2]

SAMPLE NUMBER ____ 2 3 4 5 6 7

SHEET ____ OF ____ SHEETS

A	B	C	D	E	F	G	H		J		K		L		M	N	O	P
SEX AND RACE	AGE	OCCUPATION AND INDUSTRY	PERSON NUMBER	TRIP NUMBER	WHERE DID THIS TRIP BEGIN ? (ORIGIN) STREET ADDRESS - CITY, VILLAGE OR TOWN - COUNTY	WHERE DID THIS TRIP END ? (DESTINATION) STREET ADDRESS - CITY, VILLAGE OR TOWN - COUNTY	TRIP PURPOSE		LAND USE (DESCRIBE AS COMPLETE AS POSSIBLE)		TIME OF		BLOCKS WALKED		MODE OF TRAVEL	WAS A CAR AVAILABLE ? *	AUTO DRIVERS ONLY	
							FROM	TO	ORIGIN	DESTINATION	START	ARRIVAL	AT ORIGIN	AT DEST			NUMBER OF PASSENGERS	TYPE OF PARKING
8	9	10 11	12 13	14 15	C V T 16 17 18 19 20 21 22 23	C V T 24 25 26 27 28 29 30 31	32	33	34 35	36 37	: AM PM 38 39 40	: AM PM 41 42 43	44	45	46	YES NO 47	48	49
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		
					C V T COUNTY	C V T COUNTY					: AM PM	: AM PM				YES NO		

COLUMN H **TRIP PURPOSE**

1. WORK
2. PERSONAL BUSINESS
3. MEDICAL - DENTAL
4. SCHOOL
5. SOCIAL - EAT MEAL
6. CHANGE TRAVEL MODE
7. SERVICE PASSENGER
8. SHOPPING
9. RECREATION
0. HOME

COLUMN M **MODE OF TRAVEL**

1. AUTO DRIVER
2. AUTO PASSENGER
3. RAILROAD PASSENGER
4. BUS PASSENGER
5. SCHOOL BUS
6. TAXI PASSENGER
7. TRUCK PASSENGER
8. WALKED TO WORK
9. WORKED AT HOME

COLUMN O **PARKING**

1. STREET FREE
2. STREET METER
3. LOT FREE
4. LOT PAID
5. GARAGED FREE
6. GARAGE PAID
7. SERVICE OR REPAIR
8. RESIDENTIAL PROPERTY
9. CRUISED
0. NOT PARKED

* COLUMN N ASK THIS QUESTION IF THE MODE OF TRAVEL WAS A BUS OR RAILROAD PASSENGER.

16 thru 23 — Trip Origin (Col. F): Using the street address, street intersection, or trip generator listed by the interviewer, the coder marks in the geographic code. The correct code is determined by referral to the analysis zone map, trip generator guide, or external coding guides. Enter the five-digit code in code boxes 16 through 20. Slash (/) code boxes 21 thru 23.

24 thru 31 — Trip Destination (Column G): Geographic coding procedure for trip destinations is the same as that prescribed for trip origins (Columns 16 thru 23). Enter the five-digit code for the trip destination into coding boxes 24 through 28. Slash code boxes 29 through 31 with a diagonal / .

32 — Trip Purpose from (Col. H): Code number listed by the interviewer is transcribed into the coding box by the coder. The codes are:

1. Work
2. Personal Business
3. Medical - Dental
4. School
5. Social - Eat meal
6. Change Travel Mode
7. Service Passenger
8. Shopping
9. Recreation
0. Home

33 — Trip Purpose to (Col. H): Coder follows the same procedure as that prescribed for trip purpose from.

34 and 35 — Land Use at Origin (Col. J): In the lines provided over the coding boxes, the interviewer describes the type of establishment found at the trip origin. From this description the coder classifies the type of establishment by means of a two-digit code (listed in Appendix) "Land Use Codes". Do not code the land use for external trip end (trips outside Study Area). All of the two-digit codes may be classified under the following generalized land use classifications.

1. Residential
2. Manufacturing (consumable by household)
3. Manufacturing (other)
4. Transportation, communication, utilities
5. Trade
6. Services
7. Cultural, entertainment, recreational
8. Resource production and extraction
9. Undeveloped land and water areas

36 and 37 — Land Use at Destination (Col. J): Procedure followed is the same as that prescribed for land use at origin.

38 thru 40 — Time of Start (Col. K): For each trip the interviewer enters the time of start, to the nearest minutes, encircling AM or PM accordingly. The coder converts this time to the correct time code as listed below:

AM Hour	Code Beginning	PM Hour	Code Beginning	Minutes of the Hour	
Hour	Code	Hour	Code	Minutes	Code
1	01	1	13	0 - 5	0
2	02	2	14	6 -11	1
3	03	3	15	12 -17	2
4	04	4	16	18 -23	3
5	05	5	17	24 -29	4
6	06	6	18	30 -35	5
7	07	7	19	36 -41	6
8	08	8	20	42 -47	7
9	09	9	21	48 -53	8
10	10	10	22	54 -59	9
11	11	11	23		
Noon	12	Midnite	24		

This coding is based on the 24-hour clock system of designating time. Minutes are in increments of tenths of an hour, for example:

Time	Time
8:46	8:46
(AM) PM	AM (PM)
Code 0 8 7	Code 2 0 7

41 thru 43 — Time of Arrival (Col. K): Procedures used in recording and coding time of arrival are the same as those prescribed for time of start.

44 — Blocks Walked at Origin (Col. L): The interviewer enters the number of blocks walked at the origin of the trip and the coder transcribes the number to the corresponding code box. The coder enters a "9" in the coding box for all walks of 9 blocks or more. The coder enters a "0" if no blocks were walked and an "R"if person's mode was "walk to work".

45 Blocks Walked at Destination (Col. L): Methods of marking and coding blocks walked at destination are the same as those prescribed for blocks walked at origin.

46 Mode of Travel (Col. M): The interviewer enters the code for the mode of travel used by the trip maker, and the coder transcribes the number to the coding box. Here is the code list appearing at the bottom of the form:

1. Auto Driver
2. Auto Passenger
3. Railroad Passenger
4. Bus Passenger
5. School Bus
6. Taxi Passenger
7. Truck Passenger
8. Walked to Work
9. Worked at Home

47 Was a Car Available (Col. N): Each licensed driver from a car-owning household, whose mode of travel has been bus (code 4), or railroad (code 3), is asked by the interviewer if a car was available, and the interviewer encircles the answer, YES or NO, accordingly. If the answer is YES, the coder enters a 1 in the coding box. If it is NO, the coder enters a 2. If the mode of travel was other than bus or railroad, or if the above circumstances are not present, the coder draws a line through the coding box.

48 Number of Passengers (Col. O): If the person interviewed has traveled as an auto driver, the interviewer asks how many passengers were traveling with him and enters the number on the form. The coder transcribes this number into the coding box. If the person interviewed did not make this trip as an auto driver, the coder draws a line through the coding box.

49 Type of Parking (Col. P): If the person interviewed has traveled as an auto driver, the interviewer will enter the number corresponding to the type of parking used. Here is the code list appearing at the bottom of the form:

1. Street Free
2. Street Meter
3. Lot Free
4. Lot Paid
5. Garage Free
6. Garage Paid
7. Service or Repair
8. Residential Property
9. Cruised
0. Not Parked

If the person interviewed did not make this trip as an auto driver, the coder draws a line through the coding box.

C. CARD NO. 3 - EXTERNAL TRIP REPORT, FORM NO. T-1

To obtain the complete picture of travel in the Missoula area it was necessary to stop and interview persons in vehicles entering and leaving the area. All major roads which cross the external cordon line have had interview stations operating at one time or another. A sample of vehicles was stopped and interviewed at each interview station. Trip information was obtained from the driver of the vehicle.

To facilitate interviewing at the external stations, there were more than one interviewer gathering information during any given hour period. During the hour period if it was necessary for the interviewer to use more than one external trip report form, each sheet was numbered.

For example: "sheet 3 of 8 sheets" could appear on a form - this indicates that interviewer has used 8 sheets during the hour period and this particular sheet is number 3 of the 8.

The coder must check that all sheets (forms) for each interviewer within an hour period are accounted for in each batch received in the coding section.

Column Number	
1	Card Number: The card number is on the form. No coding is required.
2 and 3	Station Number: The interviewer enters in the station number. The coder transcribes the station number into the coding boxes. (See Appendix "List of External Stations"). A zero (0) should be entered before all numbers less than 10.
4 thru 7	Date - Month, Week and Day: The interviewer enters the date. The coder enters the code for that date in the coding boxes. (See Appendix "External Trip Calendar", for codes).
8 and 9	Hour Period Beginning: The interviewer enters in the hour period beginning time and circles whether AM or PM. The coder converts this time to the corresponding codes.

FORM T-1
CLARK, COLEMAN & RUPEIKS, INC.
PLANNING CONSULTANTS

URBAN TRANSPORTATION STUDY
MISSOULA MONTANA

EXTERNAL TRIP REPORT

CONFIDENTIAL THE INFORMATION CONTAINED IN THIS SURVEY WILL BE ACCORDED CONFIDENTIAL TREATMENT BY THE MISSOULA CITY-COUNTY PLANNING BOARD. INDIVIDUAL REPORTS WILL BE USED FOR STATISTICAL PURPOSES ONLY.

INTERVIEWER_____ SHEET____OF____SHEETS

CARD NUMBER 3 (1) STATION NO._____ (2 3) DATE_____ (MONTH WEEK DAY 4 5 6 7) HOUR PERIOD BEGINNING_____ AM PM (8 9) INBOUND 1 OUTBOUND 2 (10)

1	2	3	4	5	6	7		8	9	10
SERIAL NUMBER	VEH. TYPE	NO. OF OCCUP.	ORIGIN (GET COMPLETE ADDRESS)	DESTINATION (GET COMPLETE ADDRESS)	LAND USE INSIDE AREA	TRIP PURP. FROM	TRIP PURP. TO	HOME OF AUTO DRIVER OR TRUCK GARAGED	THRU TRIPS ONLY ROUTE EXIT OR ENTRANCE	THRU TRIPS ONLY LOCAL STOP PURPOSE
(11 12 13)	(14)	(15)	(16 17 18 19 20)	(21 22 23 24 25)	(26 27)	(28)	(29)	O (30) D	(31 32)	(33)
								O D		
								O D		
								O D		
								O D		
								O D		

COL. 2 VEHICLE TYPE
1 PASSENGER CAR—MONTANA LICENSE
2 PASSENGER CAR—NOT MONTANA
3 PICK-UP, PANEL OR SINGLE UNIT—SINGLE REAR TIRE
4 SINGLE UNIT—DUAL REAR TIRE
5 SINGLE UNIT—THREE OR MORE AXLES
6 COMBINATIONS
7 BUS
8 TAXI

PASSENGER TRANSPORTATION
COLUMN 7, TRIP PURPOSE
1 WORK
2 PERSONAL BUSINESS
3 MEDICAL-DENTAL
4 SCHOOL
5 SOCIAL & EAT MEAL
6 CHANGE TRAVEL MODE
7 SERVE PASSENGER
8 SHOPPING
9 RECREATION
0 HOME

COL. 10, STOP PURPOSE
1 WORK
2 SHOPPING
3 RECREATION
4 PERSONAL BUSINESS
5 EAT MEAL
6 VEHICLE SERVICE
7 OVERNIGHT

TRUCK TRANSPORTATION
COLS. 7 & 10, TRIP & STOP PURPOSE
1 PICK UP GOODS
2 DELIVER GOODS
3 PICK UP & DELIVER GOODS
4 OTHER WORK-CONNECTED BUSINESS
5 TO BASE OF OPERATIONS
6 PERSONAL BUSINESS
7 SERVICE

15 — Number of Occupants: The interviewer enters the number of persons riding in the vehicle. The coder transcribes the number into the coding box; if more than 9 persons are listed, enter a 9 code.

16 thru 20 — Trip Origin: Using the street address, street intersection, trip generator, or civil division (if outside the area) listed by the interviewer, the coder enters the geographic code into the coding boxes. The correct code is determined by referral to the analysis zone map, trip generation guide, or external coding guides.

21 thru 25 — Trip Destination: The interviewer enters the address at the destination. The coder marks the geographic code in the coding boxes. (See explanation for code boxes 16 thru 20).

26 and 27 — Land Use Inside Area: The interviewer describes the establishment at the trip end inside the Study Area. From this description the coder classifies the type of establishment by means of a two-digit code (listed in Appendix) "Land Use Codes". The coder should check that the land use is recorded for the internal trip end only. In case of a through trip when both trip ends are outside the Study Area, no entry appears in the land use column. In this case an entry must appear in Column 9, "Route Exit or Entrance".

All of the two-digit codes may be classified under the following generalized land use classifications.

1. Residential
2. Manufacturing (Consumable by household)
3. Manufacturing (other)
4. Transportation, communication and utilities
5. Trade
6. Services
7. Cultural, entertainment and recreational
8. Resource production and extraction
9. Undeveloped land and water areas

28 — Trip Purpose From: The interviewer enters the number representing the trip purpose at the beginning of the trip. The coder will transcribe the number into the code box. Trip purpose codes are:

Passenger Transportation Codes

1. Work
2. Personal business
3. Medical - dental
4. School
5. Social - eat meal
6. Change travel mode
7. Serve passenger
8. Shopping
9. Recreation
0. Home

Truck Transportation Codes

1. Pick-up goods
2. Deliver goods
3. Picks-up and delivers goods
4. Other work-connected business
5. To base of operation
6. Personal business
7. Services

29 Trip Purpose To: Coder follows the same procedure as that prescribed for trip purpose 'from'.

30 Home of Auto Driver or Truck Garaged: The interviewer will circle either the "O" (origin) or "D" (destination), depending on where the vehicle is garaged. If neither is correct, he will write in the correct garaging location. The coder will code this as follows:

1. O (origin)
2. D (destination)
3. Other inside Study Area
4. Other outside Study Area

31 and 32 Routes Exit or Entrance: The interviewer will record the station number, if known; otherwise he will record the name or number of the road the vehicle used to enter or leave the area. The coder will transcribe the station number, if given; otherwise the coder will look up the road given and assign a station number (See Appendix, "External Survey Interview Stations").

33 Local Stop Purpose: The interviewer enters the number representing the stop purpose. The coder transcribes the number into the code box. The codes used for local stop purpose are:

Truck Transportation Codes:

1. Pick-up goods
2. Deliver goods
3. Pick-up and deliver goods
4. Other work-connected business
5. To base of operation
6. Personal business
7. Service

Passenger Transportation Codes:

1. Work
2. Shopping
3. Recreation
4. Personal business
5. Eat meal
6. Vehicle service
7. Overnight

34 Truck Use: A great number of persons living in the Missoula area own and drive pick-up trucks on personal business. The interviewer entered an "X" or "✓" mark on the right hand margin to indicate that the truck was used on personal business. In this case, the passenger car trip and stop purpose codes were used. The coder should enter an "O" on the margin which will be punched into Column 34 by the key puncher.

D. CARD NO. 4 - TRUCK AND TAXI REPORT, FORM NO. T-8

In Section I of the truck and taxi report, items 1 (owner), 2 (address), 3 (truck identification), and 4 (travel day, date, and telephone number) are used for the interviewer's information and convenience only. These items are not to be coded unless the garaging address is the same as owner's address.

Many times it is necessary to have more than one trip sheet. The sheets will be numbered in the top right hand corner of the form. The coder must check that all coding forms are accounted for.

Column Number	
1	Card Number 4: Code is printed on the form. No coding is required.
2 thru 7	Sample Number: In code boxes 2 and 3, the coder will code the travel day (See Appendix for travel day). In code boxes 4 and 5, the coder will code the list number as it appears on the form. The coder will code the line number in code boxes 6 and 7. The coder should check to see that the list number and the line number coded agree with the list and line number on Form T-7.
8 thru 12	Garaging Address: The interviewer will have written in an address, or he would have written in "same", if the owner's address is the same as the garaging address. The coder will look up the geographic code for the garaging address and enter the five-digit code into boxes 8 thru 12. Coding boxes 13 thru 17 should be slashed / .
18 thru 23	License Number: The interviewer enters into the coding boxes the license number of the sampling vehicle starting with the first box to the right. If there are less than 6 digits and letters in the number, then the extra boxes should be lined out by the coder. The license number is not the owner's unit number - do not use it. (See instructions in Appendix for proper method of writing in the license number).

24 — Vehicle Type: The interviewer enters into the coding box the number that represents the type of vehicle sampling. Following are the codes for the truck types:

3. Panel or pick-up and two-axle, single tire
4. Single unit, dual tire
5. Single unit, 3 or more axles
6. Combinations
8. Taxi

25 and 26 — Business - Industry of Owner: The interviewer will write a description of the owner's business or industry. The coder will refer to the Appendix, "Business-Industry Codes" for the two-digit code. All codes are grouped under these generalized categories:

1. Retail trade
2. Services, personal business and professional
3. Wholesale trade
4. Manufacturing
5. Utilities, communication, transportation
6. Government, institutional, religious
7. Public service, outdoor
8. Agriculture
9. Construction
0. Extractive

27, 28, 29 — Total Trips Reported: The interviewer enters the total number of trips made by the sampled vehicle on the travel day. The coder will add zeros to the left of the number to fill empty boxes. After the trip coding for the sampled vehicle is completed, the coder will re-check the total number of trips inferred here to verify that the correct number is reported. If any trip is deleted, then the number must be lowered accordingly. If any trips are added, the numbers should be raised accordingly. If no trips were made, the coder will enter in "000".

30, 31, 32 — Total Miles Traveled on Travel Day: The interviewer enters the total miles traveled by the sampled vehicle on the travel day. The coder will add zeros to the left of the number to fill empty boxes. If no miles were traveled, the coder will enter in "000".

FORM T-8
CLARK, COLEMAN & RUPEIKS, INC.
PLANNING CONSULTANTS

URBAN TRANSPORTATION STUDY
MISSOULA, MONTANA

TRUCK AND TAXI REPORT

CONFIDENTIAL THE INFORMATION CONTAINED IN THIS SURVEY WILL BE ACCORDED CONFIDENTIAL TREATMENT BY THE MISSOULA-CITY-COUNTY PLANNING BOARD. INDIVIDUAL REPORTS WILL BE USED FOR STATISTICAL PURPOSES ONLY.

SHEET _____ OF _____ SHEETS

INTERVIEWER _____ CARD NUMBER 1 | 4 | 2 3 4 5 6 7

SECTION I

1 OWNER _____ 7. SAMPLE NUMBER: DAY _____ TAB NUMBER _____ | 8 9 10 11 12 13 14 15 16 17

2. ADDRESS _____ 8. GARAGING ADDRESS _____

_____ _____ | 18 19 20 21 22 23

3. OWNERS UNIT NUMBER _____ MAKE _____ YEAR _____ 9. LICENSE NUMBER _____ | 24

4. TRAVEL DAY _____ DATE _____ TELEPHONE NO. _____ 10. VEHICLE TYPE 3. PANEL OR PICK-UP AND TWO AXLE SINGLE TIRE 4. SINGLE UNIT DUAL TIRE 5. SINGLE UNIT 3 OR MORE AXLES 6. COMBINATIONS 8. TAXI | 25 26

5. ZONE NUMBER AT GARAGING ADDRESS _____ 33 34 35 36 37 38 11. BUSINESS-INDUSTRY OF OWNER _____ | 30 31 32

6. FINAL DISPOSITION CODE _____ 39 12. TOTAL TRIPS REPORTED _____ 27 28 29 13. TOTAL MILES TRAVELED ON TRAVEL DAY _____

SECTION II

TRIP NUMBER A	ORIGIN (GET COMPLETE ADDRESS) B	DESTINATION (GET COMPLETE ADDRESS) C	TRIP PURPOSE FROM D	TRIP PURPOSE TO E	LAND USE ORIGIN F	LAND USE DESTINATION G	TIME START H	TIME ARRIVAL J
40 41 42	43 44 45 46 47	48 49 50 51 52	53	54	55 56	57 58	AM PM 59 60 61	AM PM 62 63 64
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM

TRIP PURPOSE CODES

1. PICK UP GOODS
2. DELIVER GOODS
3. BOTH PICK-UP AND DELIVERY
4. OTHER WORK-CONNECTED BUSINESS
5. BASE OF OPERATIONS
6. PERSONAL BUSINESS
7. SERVICE

SECTION III

CALLS MADE DATE	CALLS MADE TIME	APPOINTMENTS DATE	APPOINTMENTS TIME

REPORT COMPLETED

DATE _____ TIME _____ INITIALS _____

EDIT PASS / FAIL _____ INITIALS _____ DATE _____

FOLLOW-UP _____ ASSIGNED TO _____ DATE _____

FOLLOW-UP EDIT _____ INITIALS _____ DATE _____

CODING CONTROL STATION	INITIALS	DATE

REMARKS

FORM T-8
CLARK, COLEMAN & RUPEIKS, INC.
PLANNING CONSULTANTS

TRUCK AND TAXI REPORT

SHEET_____ OF_____ SHEETS

SAMPLE NUMBER: DAY _____ TAB NUMBER _____

TRIP NUMBER	ORIGIN (GET COMPLETE ADDRESS)	DESTINATION (GET COMPLETE ADDRESS)	TRIP PURPOSE		LAND USE		TIME	
			FROM	TO	ORIGIN	DESTINATION	START	ARRIVAL
A	B	C	D	E	F	G	H	J
40 41 42	43 44 45 46 47	48 49 50 51 52	53	54	55 56	57 58	AM PM 59 60 61	AM PM 62 63 64
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM

FORM T-8
CLARK, COLEMAN & RUPEIKS, INC.
PLANNING CONSULTANTS

TRUCK AND TAXI REPORT

SHEET_____ OF_____ SHEETS

SAMPLE NUMBER: DAY _____ TAB NUMBER _____

TRIP NUMBER	ORIGIN (GET COMPLETE ADDRESS)	DESTINATION (GET COMPLETE ADDRESS)	TRIP PURPOSE		LAND USE		TIME	
			FROM	TO	ORIGIN	DESTINATION	START	ARRIVAL
A	B	C	D	E	F	G	H	J
40 41 42	43 44 45 46 47	48 49 50 51 52	53	54	55 56	57 58	AM PM 59 60 61	AM PM 62 63 64
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM
							AM PM	AM PM

33 thru 38 — Zone Number at Garaging Address: A great number of persons living in the Missoula area own and drive pick-up trucks on personal business. It was therefore necessary to determine whether the sample truck was primarily used for personal business or for commercial purposes. The private or commercial use is identified by COM. or PRV. appearing after the business or industry of the owner. If commercial use is indicated, 1 should be coded into Column 33. If private use is indicated, 2 should be coded into Column 33. Columns 34 through 38 should be slashed.

If private use is indicated, the passenger vehicle trip purposes have been used.

39 — Final Disposition Code: The truck and taxi editor will enter in this box if the sample is a completed interview or a non-interview. The codes used are "X" for completed interview. Non-interviews have been coded by type as follows:

Type A (trips possible)	Type B (no trips possible)
1. Refusal	6. Moved out of area
2. No one home, repeated calls	7. Junked - no replacement
3. Cannot locate	8. Out-of-area on travel
4. Travel date past due	9. Assigned out-of-area
5. Other type A (specify)	0. Other type B (specify)

40, 41, 42 — Trip Number: The interviewer enters the trip number. The trips should be numbered sequentially starting with 001. The coder will transcribe the numbers into the coding boxes. All trips must be listed sequentially as they were made. The interviewer may miss a number or skip a trip; therefore, the coder must check if any trips are listed at the end of the trip report with a trip number belonging earlier in the sequence. Add zeros (0) to empty boxes.

43 thru 47 — Origin: The interviewer enters either a street address, street intersection, trip generator, or civil division. The coder marks in the geographic code. This code is arrived at by a look-up in the analysis zone map, the trip generator guide, the local place name guide or the external coding guides.

48 thru 52 — Destination: The same procedures are followed for the trip destination as outlined for the trip origin. Columns 43 through 47).

53 Trip Purpose Form: The interviewer enters the number representing the trip purpose at the origin of the trip. The coder will transcribe the number into the coding box. The truck and taxi trip purposes are located in the lower left hand corner of this form, they are:

1. Pick-up goods
2. Deliver goods
3. Both pick-up and deliver
4. Other work connected business
5. Base of operation
6. Personal business
7. Service

54 Trip Purpose To: The interviewer enters the number representing the trip purpose at the destination of the trip. The coder will transcribe the number into the coding box.

NOTE: If a code 2 appears in coding box 33, indicating that the truck is being used for private passenger transportation purposes, the passenger car trip purposes have been used. They are:

1. Work
2. Personal business
3. Medical - dental
4. School
5. Social - eat meal
6. Change travel mode
7. Service passenger
8. Shopping
9. Recreation
0. Home

55 and 56 Land Use at Origin: The interviewer enters in the line above the coding boxes a description of the type of establishment at the origin of the trip. The coder will read and assign the establishment a two-digit code. If the trip end is outside the Area no land use code is required, line out the boxes. A listing of the two-digit codes is in Appendix, "Land Use Code". All two-digit codes are classified under the following generalized land uses.

1. Residential
2. Manufacturing (consumable by household)
3. Manufacturing (other)
4. Transportation, communication, utilities
5. Trade
6. Services

7. Cultural, entertainment, recreational
8. Resource production and extraction
9. Undeveloped land and water areas

57 and 58 — Land Use at Destination: The same procedure is followed as outlined in land use at origin.

59 thru 61 — Time of Start: The interviewer enters in the time, to the nearest minutes, of the start of the trip. The interviewer will also circle "AM" or "PM". The coder will convert this time to a three-digit code. The conversion codes are:

Hour Beginning AM			Hour Beginning PM	
Hours	Code		Hours	Code
1	01		1	13
2	02		2	14
3	03		3	15
4	04		4	16
5	05		5	17
6	06		6	18
7	07		7	19
8	08		8	20
9	09		9	21
10	10		10	22
11	11		11	23
Noon 12	12	Midnight	12	24

Minutes of the Hour	
Code	Minutes
0	0- 5
1	6-11
2	12-17
3	18-23
4	24-29
5	30-35
6	36-41
7	42-47
8	48-53
9	54-59

Basically, the 24-hour clock system is used. Minutes are broken down into tenths of an hour.

Example:	Time	Time
	8:45	8:45
	(AM) PM	AM (PM)
Code:	0 8 7	2 0 7

62 thru 64 — Time of Arrival: The interviewer enters the arrival time of the trip to the nearest minutes. The interviewer will also circle AM or PM. The coder will follow the same procedure as outlined in explanation of time of start.

E. CARD NO. 5 - PARKING INTERVIEW, FORM NO. T-20

A parking interview survey was conducted to provide information on the use and demand of parking as well as providing some information on parking characteristics. Parking interviews were obtained by persons stationed along the curb and in off-street facilities in the Central Business District of Missoula.

Column Number	
1	Card Number: Code 5 for card number
2 thru 7	Location: The interviewer has entered the block number and facility number in the space provided. The coder will transcribe the block number into coding boxes 2 thru 5, always starting with 0 in box 2. The coder will enter the facility number in code boxes 6 and 7.
NOTE:	License Number: The license number has been entered in field to aid the interviewers in associating the interview form with a particular vehicle. The license number will not be coded and will not be used in analysis.
8	Vehicle Type: The interviewer has circled one of three choices: passenger car, truck, or a taxi. Enter the following code: 1. Passenger car 2. Truck 3. Taxi
9 thru 11	Time In: For each trip the interviewer enters the time of beginning parking to the closest minutes. The coder enters the proper code as listed below. Any line indicated earlier than 10:00 AM should be coded 10 and anytime later than 6:00 PM should be coded as 18.

Time Code

	Hour	Code	Minutes	Code
Before	10:00 AM	10	0- 5	0
	10 "	10	6-11	1
	11 "	11	12-17	2
	12 Noon	12	18-23	3
	1 PM	13	24-29	4
	2 "	14	30-35	5
	3 "	15	36-41	6
	4 "	16	42-47	7
	5 "	17	48-53	8
	6 "	18	54-59	9
After	6:00 PM	18		

12 thru 14 — Time Out: The interviewer enters the time the parker leaves to the nearest minutes. The coder will follow the same procedure as outlined in the explanation of the time in. Often the parking duration is so short that the time in and time out will fall into the same time code. The coder should make sure that the time out always has a greater minute code than time in.

15 thru 19 — Origin: The interviewer enters either a street address, street intersection, trip generator, or civil division. The coder marks in the geographic code. This code is arrived at by a look-up in the analysis zone map, the trip generator guide, the local place name guide or the external coding guide.

20 thru 24 — Destination: The interviewer enters either a street address, trip generator, a place of business, etc. The coder marks in the Central Business District block number. The block number is arrived at by a look-up in the block number map.

25 — Purpose: The interviewer has circled one of the six listed trip purposes. The coder will enter the following code:

1.	Shop	4.	Sales
2.	Business	5.	Load
3.	Work	6.	Other

URBAN TRANSPORTATION STUDY
MISSOULA, MONTANA

PARKING STUDY

Location _____ ☐☐☐☐☐☐

License No. _____

Vehicle Type (1) Passenger
(2) Truck (3) Taxi ☐

Time In _____ ☐☐☐

Time Out _____ ☐☐☐

Origin _____

_____ ☐☐☐☐☐

Destination _____

_____ ☐☐☐☐☐

Purpose: (1) Shop (4) Sales
(2) Business (5) Load
(3) Work (6) Other ☐

Home Address _____

_____ ☐☐☐☐☐

Recorder _____

26 thru 30 — Home Address: The interviewer enters either a street address, street intersection, trip generator, or civil division. The coder marks in the geographic code. This code is arrived at by a look-up in the analysis zone map, the trip generator guide, the local place name guide or the external coding guide.

F. CARD NO. 6 - PARKING POSTAL QUESTIONNAIRE, FORM NO. T-21

Part of the parking survey information was gathered by a postal questionnaire. In the areas of all-day parking, this questionnaire was left under the windshield wiper of the automobile. The answers to the questions on the form were filled out by the respondents and mailed to the Study office. This form differs from any other data form so far discussed in that it does not contain coding boxes. Coding of this information has to be transcribed onto a special coding form.

The thoroughness and completeness of answering the questions on this form were left up to the respondent. Information on some forms will be incomplete for coding. The coders should make every effort to arrive at the proper code from whatever information is present. If this is impossible, the coding boxes for the particular question should be left blank.

Column Number

1 — Card Number: Code 6 has been entered. No coding is necessary.

2 thru 7 — Location: The interviewer has entered the block number and facility number in the space provided. The coder will transcribe the block number into coding boxes 2 thru 5 always starting with 0 in box 2. The coder will enter the facility number in code boxes 6 and 7.

8 — Vehicle Type: The interviewer has entered P for passenger car, T for truck, and TX for taxi. The coder shall enter the following codes:

1. Passenger car
2. Truck
3. Taxi

9 thru 11 — Time In (A): For this trip the respondent has entered the time of beginning of parking to the nearest minutes. The coder enters the proper code as listed below. Any time indicated earlier than 10:00 AM should be coded 10 and any time earlier than 6:00 PM should be coded as 18.

MISSOULA TRANSPORTATION STUDY

WANTED!!

Location _____

Vehicle Type _____

30 seconds of your time to help solve Missoula's parking problem. Kindly answer the questions below and drop this card in any mail box.

A. At what time did you park your car? _____ AM / PM

B. At what time did you drive away from this parking space? _____ AM / PM

C. Before parking here, where did this trip start?

If in Missoula _____
(Street address, prominent building, store, etc.)

If outside Missoula _____
(Locality, State)

D. While your car was parked here, where did you go first?

_____
(Street address, prominent building, store, etc.)

E. What was the principal purpose of this trip? (Check one)

( ) Shop ( ) Work ( ) Truck load, unload

( ) Business ( ) Service, sales ( ) Other _____
(Specify)

F. Where do you live? (To nearest block) _____

Postage
Will Be Paid
by
Addressee

No
Postage Stamp
Necessary
If Mailed in the
United States

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 7000, SEATTLE, WASHINGTON

TRANSPORTATION STUDY
CITY HALL
MISSOULA, MONTANA

URBAN TRANSPORTATION STUDY - MISSOULA MONTANA - PARKING QUESTIONNAIRE FORM T-2[illegible]

Cd NO	LOCATION						Veh Tpe	Time In			Time Out			ORIGIN					DESTINATION					Prp.	Home Address														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
6																																							
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TIME CODE

	Hour	Code	Minutes	Code
Before	10:00 AM	10	0- 5	0
	10:00 "	10	6-11	1
	11:00 "	11	12-17	2
	12:00 Noon	12	18-23	3
	1:00 PM	13	24-29	4
	2:00 "	14	30-35	5
	3:00 "	15	36-41	6
	4:00 "	16	42-47	7
	5:00 "	17	48-53	8
	6:00 "	18	54-59	9
After	6:00 "	18		

12 thru 14 — Time Out (B): The respondent has entered the time he or she left the parking space to the nearest minute. The coder will follow the same procedure as outlined in the explanation of the time in. Often the parking duration is so short that the time in and out codes will follow into the same category. To eliminate this, the coder should make sure that the time out always exceeds the time in by at least one-tenth of an hour.

15 thru 19 — Before Parking Here (C): The respondent has entered either a street address, street intersection, trip generator, or a civil division. The coder marks in the geographic code. This code is arrived at by a look-up in the analysis zone map, the trip generator guide, the local place name guide or the external coding guide.

20 thru 24 — CBD Destination (D): The respondent has entered either a street address, trip generator or a place of business. The coder marks in the Central Business District block number. The block number is arrived at by a look-up in the block number map.

25 — Purpose of Trip (E): The respondent has checked one of the six listed trip purposes. The coder will enter the proper code in the coding box:

1. Shop
2. Business
3. Work
4. Service, sales
5. Truck load, unload
6. Other

26 thru 30	Home Address (F): The respondent has entered either a street address, street intersection, trip generator, or civil division. The coder marks in the geographic code. The code is arrived at by a look-up in the analysis zone map, the trip generator guide, the local place name guide or the external coding guide.

APPENDICES

A. OCCUPATION CODES

B. INDUSTRY CODES

C. TRAVEL DATE CALENDAR (Home Interview, Truck & Taxi)

D. LAND USE CODES

E. CIVIL DIVISION CODES - STATE OF MONTANA

F. CIVIL DIVISION CODES - STATE OF IDAHO

G. CIVIL DIVISION CODES - STATE OF WYOMING

H. COUNTY CODES - STATE OF MONTANA

I. COUNTY CODES - STATE OF IDAHO

J. COUNTY CODES - STATE OF WYOMING

K. STATE CODES - UNITED STATES

L. FOREIGN AREA CODES

M. TRAVEL TIME CODES

N. EXTERNAL SURVEY INTERVIEW STATIONS

O. TRIP CALENDAR (External Survey)

P. FORMS

APPENDIX A

OCCUPATIONAL CODES

CODE

1 PROFESSIONAL, TECHNICAL AND KINDRED WORKERS

Accountants and auditors
Airplane pilots, navigators
Analyst
Architects
Artists and art teachers
Athletes, professional
Authors
Chemists
Chiropractors
Clergymen
College professors, instructors
Dancers and dance teachers
Dentists
Designers
Dietitians
Doctors
Draftsmen
Editors and reporters
Embalmers
Engineers, aeronautical
Engineers, chemical
Engineers, civil
Engineers, industrial
Engineers, mechanical
Engineers, metallurgical
Entertainers
Funeral directors
Journalists
Judges
Lawyers
Librarians
Musicians and music teachers
Nurses, professional
Nurses, student professional
Optometrists
Osteopaths
Personnel and labor relations
Photographers
Pharmacists
Physicians and surgeons
Project engineers
Radio operators
Recreation and social workers
Reporter
Sales engineers
Social and welfare workers
Sports instructors and officials
Statisticians
Surgeons
Surveyors
Technicians, medical and dental
Technicians, testing
Therapists
Veterinarians
Warden, forest

Teachers

CODE

2 MANAGERS, OFFICIALS AND PROPRIETORS

Buyers and department heads - store
Buyers and shippers - farm products
Conductors, railroad
Floormen and floor managers - store
Garage owners or managers
Inspectors, public administrators
Managers and superintendents - building
Officers, pilots, pursers and engineers - ship
Postmasters
Service Station owners or managers
Warden - prison

3 CLERICAL AND KINDRED WORKERS

Agents
Attendants and assistant librarians
Attendants in physicians' and dentists' offices
Baggagemen, transportation
Bank tellers
Bookkeepers
Cashiers
Checkers (nonmfg.)
Collectors, bill and account
Dispatchers and starters - vehicle
Express messengers and railway mail clerks
Insurance adjusters
Mail carriers
Messengers and office boys
Office machine operators
Shipping and receiving clerks
Stenos, typists and secretaries
Telegraph messengers and operators
Telephone operators
Ticket, station and express agents
Toolroom keeper (mfg.

4 SALES WORKERS

Advertising agents and salesmen
Auctioneers
Brokers
Demonstrators
Hucksters and peddlers
Insurance agents and brokers
Newsboys
Real estate agents and brokers
Salesmen and sales clerks
Stock and bond salesmen
Traveling agents and representatives
Traveling salesmen

CODE

5 CRAFTSMEN, FOREMEN AND KINDRED WORKERS

Bakers
Beermakers
Blacksmiths
Bookbinders
Boilermakers
Brickmasons, stonemasons and tile setters
Cabinetmakers
Carpenters
Cement and concrete finishers
Compositors and typesetters
Cranemen, hoistmen
Decorators and window dressers
Electricians
Electrotypers and stereotypers
Excavating, grading and road machinery operators
Foremen
Forgemen and hammermen
Glaziers
Heat treaters, annealers and temperers
Inspectors
Jewelers, watchmakers, silversmith
Job setters, metal
Linemen and servicemen, telephone, telegraph, power
Locomotive engineers
Locomotive firemen
Machinist
Marines personnel
Mechanics and repairmen, airplane
Mechanics and repairmen, automobile
Mechanics and repairmen, office machinery
Mechanics and repairmen, radio, television and refrigeration
Millwrights
Molders, metal
Motion picture projectionists
Opticians, lens grinders, polishers
Painters
Patternmakers
Pipefitters
Plasterers
Plumbers
Pressmen, plate makers, printers and other printing craftsmen
Rollers and roll hands, metal
Roofers
Shoemakers and repairers, except factory
Stationary engineers
Steamfitters
Stone cutters and carvers
Tailors
Tinsmiths, sheet metal workers
Tool makers, die makers and setters
Upholsterers

CODE

6 OPERATIVES AND KINDRED WORKERS

Apprentices
Asbestos & insulation workers
Brakemen, railroad
Bus drivers
Chainmen, rodmen and axmen surveying
Chauffeurs (except private household)
Checker (mfg)
Conductors - bus, communication & power linemen & servicemen
Cutter (mfg)
Deliverymen and routemen
Dressmakers and seamstresses
Dyers
Filers, grinders, polishers, metal
Heaters, metal
Laundry & dry cleaning operatives
Meat cutters (food mfg)
Mine operatives
Motormen, mine, factory, etc.
Oilers and greasers
Painters, except construction and maintenance
Photographic process workers
Power station operators
Sailors and deck hands (except Navy and Coast Guard)
Shaver (tannery)
Stationary firemen
Switchmen, railroad
Taxicab drivers
Truck and tractor drivers
Vehicle drivers
Welders and flame-cutters

7 SERVICE WORKERS

Attendants, hospital and other institution
Attendants, professional and personal service (not elsewhere classified)
Attendants, recreation and amusement
Barbers, beauticians and manicurists
Bartenders
Bootblacks
Boarding & lodging housekeepers
Bridge tenders
Butlers
Chambermaid and maids
Charwomen and cleaners
Chauffeur (private)
Cooks, except private household
Counter and fountain workers
Elevator operators
Firemen, fire protection
Guards, watchmen and doorkeepers
Housekeepers and stewards
Janitors and sextons
Laundresses, maids
Marshalls and constables
Midwives
Policemen and detectives
Porters
Practical nurses
Sheriffs and bailiffs
Ushers, recreation & amusement
Waiters and waitresses
Watchmen (crossing) and bridge tenders
Service station attendant
Service workers (not elsewhere classified
Valet

CODE

8 LABORERS INCLUDING FARM

Farm foremen
Farm laborers, wage workers
Farm laborers, unpaid family workers
Farm service laborers, self-employed
Fishermen and oystermen
Garage laborers, car washers and greasers
Gardeners, except farm and groundskeepers
Handyman
Longshoremen and stevedores
Lumbermen, raftsmen, woodchoppers
Teamsters
Laborers (not elsewhere classified

9 SPECIAL CLASSIFICATIONS

Disabled
Housewife
Military
Retired
Students and children 5 years of age and over
Unemployed
Not classified
No response

APPENDIX B

INDUSTRY CODES

CODE	
1	RETAIL TRADES
	Appliance stores
	Apparel and accessories stores
	Building materials (retail)
	Dairy products
	Department stores
	Drinking establishments
	Drug stores
	Eating establishments
	Farm implement stores
	Five and Ten Cent stores
	Florist (retail)
	Food stores
	Fuel and Ice Retailing
	Furniture stores
	Gasoline service stations
	General merchandise stores
	Hardware stores
	Jewelry stores
	Liquor stores
	Lumber (retail)
	Motor vehicle and accessories (retail)
	Other miscellaneous retail stores
	Retail trade not specified
	Shoe stores
	Used car lots
	Vacant retail stores

CODE

2 PERSONAL, BUSINESS, PROFESSIONAL AND RELATED SERVICES

Personal Services

Barber shops
Beauty salons
Cleaning service
Dressmaking shops
Dyeing services
Hotels and other loding places
Laundering service
Motels
Personal services - miscellaneous
Private household
Reducing salons, etc.
Resorts
Shoe repair shops
Tailor and alterations shops
Turkish baths, etc.

Business, Professional and Related Services

Accounting and auditing services
Advertising
Automobile repair
Banking services
Bowling alleys, billiard and pool parlors
Business offices, not otherwise specified
Business services - miscellaneous
Consultant
Educational services (except schools)
Engineering and architectural services
Entertainment - miscellaneous
Finance service
Home appliance repairs
Insurance services
Law offices
Legal services
Medical and health services (except hospitals)
Newspaper and printing
Nonprofit membership organizations (YMCA, YWCA, etc.)
Other indoor recreational services
Professional services - miscellaneous
Real Estate
Repair services - miscellaneous
Security & investment services
Theaters and motion pictures
Vacant services establishments
Welfare services

CODE

3 WHOLESALE TRADE

Building and construction supplies - wholesalers
Chemical and allied products
Clothing and accessory wholesalers
Drug products
Electrical wholesale
Food and related product wholesalers
Hardware wholesalers
Liquor and drug wholesalers
Machinery, equipment, and supplies
Miscellaneous other heavy commercial
Petroleum products
Plumbing wholesalers
Vacant heavy commercial establishments

4 MANUFACTURING

Automobile and tractor manufacturing
Beer manufacturing
Blast furnaces, rolling mills
Chemicals and petroleum products
Dairy products
Electrical equipment
Fabricated metal products
Farm machinery
Furniture and appliances
Leather and leather products
Manufacturing not otherwise specified
Machine tools not otherwise specified
Motor vehicles and equipment
Paint, varnishes and related products
Primary iron and steel industries
Primary nonferrous industries
Professional and photographic equipment
Steel works
Stone, clay and glass products
Textile mill products
Vacant manufacturing plants

CODE

5 UTILITIES, COMMUNICATION AND TRANSPORTATION

Air and water transportation
Bus lines
Communication, transportation and other utilities
Electric services
Gas services
Gas and steam supply
Pipe lines
Radio and television broadcasting
Railroads
Sanitary services
Taxicab services
Telephone and telegraph
Trucking terminals and warehouses
Water services

6 GOVERNMENTAL, INSTITUTIONAL AND RELIGIOUS

Colleges and universities
Federal administration
Hospitals, sanitoria and mental institutions
Local administration
Military installations
Miscellaneous governmental, institutional and religious
Postal services
Religious and welfare services
Schools (all levels)
State administration

7 PUBLIC SERVICES, OUTDOOR

Botanical and zoological gardens
Cemeteries
Drive-in movies
Forestry and fisheries
Golf courses
Other miscellaneous outdoor public facilities
Park and beaches
Race tracks
Stadiums

CODE

8 AGRICULTURE

Agricultural
Other agricultural industries

9 CONSTRUCTION

All phases of construction

0 EXTRACTIVE, MISCELLANEOUS

Dumps
Junkyards
Mines
Oilwells
Quarries

APPENDIX C

TRAVEL DATE CALENDAR
(Home Interview and Truck-Taxi Surveys)

DATE		DAY	CODE
August	23	Monday	11
	24	Tuesday	12
	25	Wednesday	13
	26	Thursday	14
	27	Friday	15
	30	Monday	16
	31	Tuesday	17
September	1	Wednesday	18
	2	Thursday	19
	3	Friday	10
	6	Monday	21
	7	Tuesday	22
	8	Wednesday	23
	9	Thursday	24
	10	Friday	25
	13	Monday	26
	14	Tuesday	27
	15	Wednesday	28
	16	Thursday	29
	17	Friday	20
	20	Monday	31
	21	Tuesday	32
	22	Wednesday	33
	23	Thursday	34
	24	Friday	35
	27	Monday	36
	28	Tuesday	37
	29	Wednesday	38
	30	Thursday	39
October	1	Friday	30

DATE		DAY	CODE
October	4	Monday	41
	5	Tuesday	42
	6	Wednesday	43
	7	Thursday	44
	8	Friday	45
	11	Monday	46
	12	Tuesday	47
	13	Wednesday	48
	14	Thursday	49
	15	Friday	40
	18	Monday	51
	19	Tuesday	52
	20	Wednesday	53
	21	Thursday	54
	22	Friday	55
	25	Monday	56
	26	Tuesday	57
	27	Wednesday	58
	28	Thursday	59
	29	Friday	50
November	1	Monday	61
	2	Tuesday	62
	3	Wednesday	63
	4	Thursday	64
	5	Friday	65
	8	Monday	66
	9	Tuesday	67
	10	Wednesday	68
	11	Thursday	69
	12	Friday	60
	15	Monday	71
	16	Tuesday	72
	17	Wednesday	73
	18	Thursday	74
	19	Friday	75
	22	Monday	76
	23	Tuesday	77
	24	Wednesday	78
	25	Thursday	79
	26	Friday	70

APPENDIX D

LAND USE CODES

	CODE	CATEGORY
1. Residential	11	Household units
	12	Group quarters
	13	Residential hotels
	14	Mobile home parks or courts
	15	Transient lodgings
	19	Other residential, NEC.[1]
2. Manufacturing	21	Food and kindred products - manufacturing
	22	Textile mill products - manufacturing
	23	Apparel and other finished products made from fabrics, leather, and similar materials-manufacturing
	24	Lumber and wood products (except furniture) - manufacturing
	25	Furniture and fixtures - manufacturing
	26	Paper and allied products - manufacturing
	27	Printing, publishing, and allied industries
	28	Chemicals and allied products - manufacturing
	29	Petroleum refining and related industries
3. Manufacturing	31	Rubber and miscellaneous plastic products - manufacturing
	32	Stone, clay, and glass products - manufacturing
	33	Primary metal industries
	34	Fabricated metal products - manufacturing
	35	Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks - mfg.
	39	Miscellaneous manufacturing, NEC.

[1] NEC - Not elsewhere coded

		CODE	CATEGORY
4.	Transportation, Communication and Utilities	41	Railroad, rapid rail transit, and street railway transportation
		42	Motor vehicle transportation
		43	Aircraft transportation
		44	Marine craft transportation
		45	Highway & street right-of-way
		46	Automobile parking
		47	Communication
		48	Utilities
		49	Other transportation, communication and utilities, NEC.
5.	Trade	51	Wholesale trade
		52	Retail trade - building materials, hardware, and farm equipment
		53	Retail trade - general merchandise
		54	Retail trade - food
		55	Retail trade - automotive, marine craft, aircraft, and accessories
		56	Retail trade - apparel & accessories
		57	Retail trade - furniture, home furnishings, and equipment
		58	Retail trade - eating and drinking
		59	Other retail trade, NEC.
6.	Services	61	Finance, insurance, and real estate services
		62	Personal services
		63	Business services
		64	Repair services
		65	Professional services
		66	Contract construction services
		67	Governmental services
		68	Educational services
		69	Miscellaneous services
7.	Cultural, entertainment and recreational	71	Cultural activities and nature exhibitions
		72	Public assembly
		73	Amusements
		74	Recreational activities
		75	Resorts and group camps
		76	Parks
		79	Other cultural, entertainment and recreational, NEC.

		CODE	CATEGORY
8.	Resource Production and Extraction	81	Agriculture
		82	Agricultural related activities
		83	Forestry activities and related services
		84	Fishing activities and related services
		85	Mining activities and related services
		89	Other resource production and extraction, NEC.
9.	Undeveloped Land and Water Areas	91	Undeveloped and unused land area (excluding noncommercial forest development).
		92	Noncommercial forest development
		93	Water areas
		94	Vacant floor area
		95	Under construction
		99	Other undeveloped land and water areas, NEC.

NOTE: For further detailed classification of land use activity and for alphabetical index of land use activity, refer to the Standard Land Use Coding Manual, First Edition, January, 1965.

APPENDIX E

CIVIL DIVISION CODES - STATE OF MONTANA

95029 Abe-Madison
95002 Aberdeen-Big Horn
95048 Absarokee-Stillwater
95033 Absher-Musselshell
95016 Accola-Gallatin
95053 Accord-Valley
95056 Acton-Yellowstone
95014 Acushnet-Fergus
95003 Adams-Blaine
95050 Agawam-Teton
95044 Ahles-Rosebud
95031 Alberton-Mineral
95006 Albion-Carter
95007 Albright-Cascade
95029 Alcazar-Madison
95029 Alder-Madison
95005 Algamated-Carbon
95045 Alger-Sanders
95022 Alhambra-Jefferson
95017 Alice-Garfield
95011 Allard-Dawson
95026 Alma-Liberty
95051 Aloe-Toole
95005 Alpine-Carbon
95041 Alta-Ravalli
95006 Alzada-Carter
95022 Amazon-Jefferson
95014 Amherst-Fergus
95016 Amsterdam-Gallatin
95012 ANACONDA- Deer Lodge
95016 Anceney-Gallatin
95051 Andale-Toole
95042 Andes-Richland
95044 Angela-Rosebud
95056 Anita-Yellowstone
95046 Antelope-Sheridan
95044 Antwerp-Rosebud
95001 Apex-Beaverhead
95015 Apgar-Flathead
95046 Archer-Sheridan
95001 Argenta-Beaverhead
95024 Arlee-Lake
95014 Armells-Fergus
95007 Armington-Cascade
95001 Armstead-Beaverhead
95016 Arnold-Gallatin
95006 Arp-Carter
95023 Arrow Creek-Judith Basin
95044 Ashland-Rosebud
95031 Ashmore-Mineral
95007 Ashuelot-Cascade
95021 Assiniboine-Hill
95015 Athens-Flathead
95016 Atkins-Gallatin
95014 Auburn-Fergus
95025 Augusta-Lewis & Clark
95025 Austin-Lewis & Clark
95039 Avon-Powell
95053 Avondale-Valley
95011 Axtell-Dawson
95008 Aznoe-Chouteau

95018 Babb-Glacier
95043 Bainville-Roosevelt
Baird-Missoula
95013 BAKER-Fallon
95056 Ballantine-Yellowstone
95015 Balls Crossing-Flathead
95016 Balmont-Gallatin
95018 Baltic-Glacier
95001 Bannack-Beaverhead
95019 Barber-Golden Valley
95053 Barnard-Valley
95053 Barr-Valley
95001 Barratts-Beaverhead
95040 Barrial-Prairie
95004 Barron-Broadwater
95023 Barrows-Judith Basin
95030 Barzee-Meagher
95044 Bascom-Rosebud
95022 Basin-Jefferson
95041 Bass-Ravalli
95015 Batavia-Flathead
95014 Battrick-Fergus
95006 Batzel-Carter
95014 Baxter-Fergus

95038 Bay Horse-Powder River
95053 Baylor-Valley
95041 Bean-Ravalli
95005 Bearcreek-Carbon
95016 Bearmouth-Granite
95003 Bearpaw-Blaine
95014 Bear Springs-Fergus
95047 Beaudines-Silver Bow
95055 Beaver Hill-Wibaux
95053 Beaverton-Valley
95014 Becket-Fergus
95009 Beebe-Custer
95048 Beehive-Stillwater
95005 Belfry-Carbon
95016 Belgrade-Gallatin
95045 Belknap-Sanders
95005 Belltower-Carter
90019 Belmont-Golden Valley
95007 Belt-Cascade
95015 Belton-Flathead
95023 Benchland-Judith Basin
95016 Bennett-Granite
95043 Benrud-Roosevelt
95002 Benteen-Big Horn
95017 Benzien-Garfield
95054 Bercail-Wheatland
95020 Bernice-Jefferson
95035 Bervie-Petroleum
95005 Berwind-Carbon
95056 Bew-Yellowstone
95050 Bickel-Teton
95038 Biddle-Powder River
95043 Biem-Roosevelt
95024 Big Arm-Lake
95015 Bigfork-Flathead
95052 Bighorn-Treasure
95008 Big Sage-Chouteau
95008 Big Sandy-Chouteau
95049 BIG TIMBER-Sweetgrass
95056 BILLINGS-Yellowstone
95025 Birdseye-Lewis & Clark
95044 Birney-Rosebud
95026 Bison-Liberty
95007 Black Eagle-Cascade
95018 Blackfoot-Glacier
Blackfoot Junction-Missoula
95050 Blackleaf-Teton
95016 Blackwood-Gallatin
95029 Blaine-Madison
95043 Blair-Roosevelt
95035 Blakeslee-Petroleum
95040 Blatchford-Prairie
95011 Bloomfield-Dawson
95039 Blossburg-Powell
95047 Blue Bird-Silver Bow
95009 Bluff Port-Custer
95007 Blythe-Cascade
95050 Bole-Teton
95001 Bond-Beaverhead
95009 Bonfield-Custer
95028 Bonin-McCone
Bonita-Missoula
Bonner-Missoula
95031 Borax-Mineral
95022 BOULDER-Jefferson
95036 Bowdoin-Phillips
95001 Bowen-Beaverhead
95038 Bowers-Powder River
95005 Bowler-Carbon
95021 Box Elder-Hill
95005 Boyd-Carbon
95006 Boyes-Carter
95016 BOZEMAN-Gallatin
95016 Bozeman Junction-Gallatin
95016 Bozeman Mill-Gallatin
95039 Bradley-Powell
95037 Brady-Pondera
95044 Brandenberg-Rosebud
95043 Bredette-Roosevelt
95001 Brenner-Beaverhead
95004 Brewer-Broadwater
95005 Bridger-Carbon
95049 Briley-Sweet Grass
95021 Brinkman-Hill
95034 Brisbin-Park
95038 BROADUS-Powder River
95056 Broadview-Yellowstone
95043 Brockton-Roosevelt
95028 Brockway-McCone
95014 Brooks-Fergus
95036 Brookside-Phillips
95018 Browning-Glacier

95012 Brown-Deer Lodge
95017 Brunelda-Garfield
95030 Bruno-Meagher
95017 Brusett-Garfield
95031 Bryson-Mineral
95016 Buell-Gallatin
95014 Buffalo-Fergus
95031 Buford-Mineral
95056 Bull Mountain-Yellowstone
95033 Bundy-Musselshell
95019 Burgoyne-Golden Valley
95021 Burnham-Hill
95042 Burns-Richland
95002 Busby-Big Horn
95048 Busteed-Stillwater
95047 BUTTE-Silver Bow
95017 Butte Creek-Garfiled
95047 Butte Hill-Silver Bow
95047 Buxton-Silver Bow
95050 Bynum-Teton

95040 Cabin Creek-Prairie
95009 Calabar-Custer
95043 Calais-Roosevelt
95036 Caldwell-Phillips
95030 Calkins-Meagher
95013 Calumet-Fallon
95007 Calvert-Cascade
95040 Calypso-Prairie
95045 Camas-Sanders
95045 Camas Prairie-Sanders
95029 Cameron-Madison
95016 Camona-Gallatin
95016 Camp Creek-Gallatin
95007 Campsite-Cascade
95038 Camps Pass-Powder River
95004 Canton-Broadwater
95016 Canyon-Gallatin
95025 Canyon Creek-Lewis & Clark
95025 Canyon Ferry-Lewis & Clark
95006 Capitol-Carter
95034 Carbella-Park
95022 Cardwell-Jefferson
95010 Carbert-Daniels
95050 Cargill-Teton
95055 Carlyle-Wibaux
95049 Carney-Sweet Grass
95016 Carpenter-Gallatin
95033 Carpenter Creek-Musselshell
95002 Carperville-Big Horn
95008 Carter-Chouteau
95044 Cartersville-Rosebud
95007 Cascade-Cascade
95005 Castagne-Carbon
95044 Castle Rock-Rosebud
95035 Cat Creek-Petroleum
95030 Catlin-Meagher
95022 Cavern-Jefferson
95022 Cedric-Jefferson
95047 Centerville-Silver Bow
95016 Centralpark-Gallatin
95034 Chadbourn-Park
95006 Chalk Buttes-Carter
95005 Chance-Carbon
95016 Chapman-Gallatin
95036 Chapman-Phillips
95008 Chappelle-Chouteau
95024 Charlo-Lake
95006 Chausse-Carter
95043 Chelsea-Roosevelt
95003 Cherry Ridge-Blaine
95026 CHESTER-Liberty
95016 Chestnut-Gallatin
95034 Chico-Park
95034 Chicory-Park
95045 Childs-Sanders
95034 Chimneyrock-Park
95003 CHINOOK-Blaine
95050 CHOTEAU-Teton
95014 Christina-Fergus
95020 Church-Granite
95028 CIRCLE-McCone
95022 Clancey-Jefferson
95019 Clara-Golden Valley
95042 Clark-Richland
95016 Clarkston-Gallatin
95022 Clasoil-Jefferson
95050 Claude-Teton
95050 Cleiv-Teton
95009 Clemont-Custer
95003 Cleveland-Blaine
95029 Cliff Lake-Madison

Clinton-Missoula
95025 Clough Junction-Lewis & Clark
95043 Clover-Roosevelt
95004 Clow-Broadwater
95034 Clydepark-Park
95046 Coalridge-Sheridan
95038 Coalwood-Powder River
95031 Cobden-Mineral
95003 Coburg-Blaine
95014 Coffee Creek-Fergus
95017 Cohagen-Garfield
95011 Collins-Teton
95008 Colony Bay-Chouteau
95044 Colstrip-Rosebud
95015 Columbia Falls-Flathead
95048 COLUMBUS-Stillwater
95056 Comanche-Yellowstone
95046 Comertown-Sheridan
95041 Como-Ravalli
95040 Conlin-Prairie
95041 Conner-Ravalli
95037 CONRAD-Pondera
95049 Contact-Sweet Grass
95037 Content-Pondera
95034 Cooke-Park
95001 Coolidge-Beaverhead
95015 Coram-Flathead
95022 Corbin-Jefferson
95050 Cordova-Teton
95002 Corinth-Big Horn
95041 Corvallis-Ravalli
95036 Corwine Center-Phillips
95034 Corwin Springs-Park
95021 Cottonwood-Hill
95028 Cow Creek-McCone
95025 Craig-Lewis & Clark
95042 Crane-Richland
95015 Creston-Flathead
95002 Crow Agency-Big Horn
95008 Crow Coulee-Chouteau
95040 Crow Rock Prairie
95043 Culbertson-Roosevelt
95011 Curry-Dawson
95019 Cushman-Golden Valley
95056 Custer-Yellowstone
95011 Colgate-Dawson
95018 CUT BANK-Glacier
95031 Cyr-Mineral
95043 Dabney-Roosevelt
95046 Dagmar-Sheridan
95034 Daileys-Park
95046 Daleview-Sheridan
95001 Dalys-Beaverhead
95043 Dane Valley-Roosevelt
95014 Danvers-Fergus
95041 Darby-Ravalli
95014 Darrel-Fergus
95044 Davidell-Rosebud
95047 Dawson-Silver Bow
95024 Dayton-Lake
95048 Dean-Stillwater
95007 Dearborn-Cascade
95031 Deborgia-Mineral
95002 Decker-Big Horn
95039 DEER LODGE-Powell
95016 Deer Park-Gallatin
95034 Deevers-Park
95049 Dehart-Sweet Grass
95001 Dell-Beaverhead
95033 Delphia-Musselshell
95030 Delpine-Meagher
95051 Demers-Toole
95039 Dempsey-Powell
95014 Denton-Fergus
95015 Depew-Flathead
Desmet-Missoula
95051 Devon-Toole
95001 Dewey-Beaverhead
95027 Dickey-Lincoln
95001 DILLON-Beaverhead
95017 Dilo-Garfield
95047 Divide-Silver Bow
95045 Dixon-Sanders
95013 Dodge-Fallon
95036 Dodson-Phillips
95047 Donald-Silver Bow
Donlan-Missoula
95001 Donavan Ranch-Beaverhead
95046 Dooley-Sheridan
95030 Dorsey-Meagher
95015 Dalys-Flathead

95014 Doughty-Fergus
95023 Dover-Judith Basin
95035 Dovetail-Petroleum
95043 Dowd-Roosevelt
95050 Dracut-Teton
95031 Drexel-Mineral
95020 Drummond-Granite
95005 Dryhead-Carbon
95034 Duderanch-Park
95005 Duff-Carbon
95051 Dunkirk-Toole
95002 Dunmoore-Big Horn
95037 Dupuyer-Pondera
95047 Durant-Silver Bow
95050 Dutton-Teton

95008 Eagle Butte-Chouteau
95003 Eagleton-Chouteau
95012 East Anaconda-Deer Lodge
95005 East Bridger-Carbon
95050 Eastham-Teton
95025 East Helena-Lewis & Clark
95031 East Portal-Mineral
95045 Eddy-Sanders
95007 Eden-Cascade
95005 Edgar-Carbon
95016 Edilou-Gallatin
95017 Edwards-Garfield
95015 Egan-Flathead
95008 Egly-Chouteau
95053 Eight Point-Valley
95006 EKALAKA-Carter
95016 Eldridge-Gallatin
95034 Electric-Park
95006 Elgin-Carter
95022 Elkhorn-Jefferson
95022 Elk Park-Jefferson
95039 Elliston-Powell
95003 Elloam-Blaine
95042 Elmdale-Richland
95044 Elmer-Rosebud
95024 Elmo-Lake
95033 Elso-Musselshell
95034 Elton-Park
95034 Emigrant-Park
95019 Emory-Golden Valley
95042 Enid-Richland
95029 Ennis-Madison
95043 Enterprise-Roosevelt
95038 Epsie-Powder River
95042 Epworth-Richland
95008 Eskay-Chouteau
95015 Essex-Flathead
95051 Ethridge-Toole
95027 Eureka-Lincoln
95004 Eustis-Broadwater
95007 Evans-Cascade
Evaro-Missoula
95014 Everson-Fergus
95036 Exeter-Phillips

95021 Fairchild-Hill
95050 Fairfield-Teton
95042 Fairview-Richland
95040 Fallon-Prairie
95018 Family-Glacier
95030 Fanalulu-Meagher
95053 Faranuf-Valley
95050 Farmington-Teton
95051 Farrel-Toole
95047 Feely-Silver Bow
95051 Ferdig-Toole
95014 Fergus-Fergus
95007 Fields-Cascade
95007 Fife-Cascade
95044 Finch-Rosebud
95030 Findon-Meagher
95017 Finger Butte-Garfield
95047 Finley-Silver Bow
95022 Finn-Jefferson
95039 Finn-Powell
95036 First Creek-Phillips
95048 Fishtail-Stillwater
95012 Fishtrap-Deer Lodge
Flathead-Missoula
95035 Flatwillow-Petroleum
95010 Flaxville-Daniels
95025 Flesher-Lewis & Clark
95007 Flood-Cascade
95041 Florence-Ravalli

95050 Flume-Teton
95014 Forestgrove-Fergus
95036 Forks-Phillips
95044 FORSYTH-Rosebud
95008 FORT BENTON-Chouteau
95025 Fort Harrison-Lewis & Clark
95023 Fortine-Lincoln
95009 Fort Keogh-Custer
95030 Fort Logan-Meagher
95014 Fort Maginnis-Fergus
Fort Missoula
95053 Fort Peck-Valley
95007 Fort Shaw-Cascade
95002 Foster-Big Horn
95009 Foundation-Custer
95010 Four Buttes-Daniels
95036 Fourchette-Phillips
95037 Fowler-Pondera
95005 Fox-Carbon
95016 Francis-Gallatin
95019 Franklin-Golden Valley
95053 Frazer-Valley
95017 Freedom-Garfield
Frenchtown-Missoula
95021 Fresno-Hill
95043 Froid-Roosevelt
95005 Fromberg-Carbon
95045 Frost-Sanders
95022 Fuller-Jefferson
95045 Furlong-Sanders

95033 Gage-Musselshell
95051 Galata-Toole
95044 Galbraith-Rosebud
95012 Galen-Deer Lodge
95016 Gallatin-Gallatin
95016 Gallatin Gateway-Gallatin
95037 Gallup City-Pondera
95053 Galpin-Valley
95034 Gardiner-Park
95007 Garland-Custer
95014 Garneill-Fergus
95020 Garnet-Granite
95039 Garrison-Powell
95007 Gary-Cascade
95002 Garryowen-Big Horn
95027 Gateway-Lincoln
95025 Gearing-Lewis & Clark
95033 Geneva-Musselshell
95053 Genevieve-Valley
95008 Genou-Chouteau
95008 Geraldine-Chouteau
95007 Gerber-Cascade
95042 Gettysberg-Richland
95023 Geyser-Judith Basin
95001 Gibbons-Beaverhead
95049 Gibson-Sweet Grass
95039 Gilbert-Powell
95021 Gildford-Hill
95025 Gilman-Lewis & Clark
95006 Gilman Ranch-Carter
95016 Gilroy-Gallatin
95014 Giltedge-Fergus
95042 Girard-Richland
95018 Glacier Park-Glacier
95053 GLASGOW-Valley
95001 Glen-Beaverhead
95032 Glendale-Park
95011 GLENDIVE-Dawson
95014 Glengarry-Fergus
95053 Glentana-Valley
95004 Glenwood-Broadwater
95051 Goldbutte-Toole
95039 Goldcreek-Powell
95005 Golden-Carbon
95021 Gold Stone-Hill
95007 Goodale-Cascade
95007 Goodman-Cascade
95008 Goose Bill-Chouteau
95044 Gopher-Rosebud
95007 Gordon-Cascade
95016 Gordon-Gallatin
95041 Gorus-Ravalli
95001 Gosman-Beaverhead
95025 Gould-Lewis & Clark
95047 Grace-Silver Bow
95038 Graham-Powder River
95051 Grandview-Toole
95001 Grant-Beaverhead
95051 Grantsdale-Ravalli

95014 Grassrange-Fergus
Grass Valley-Missoula
95001 Grayling-Beaverhead
95016 Grayling-Gallatin
95007 GREAT FALLS-Cascade
Greenough-Missoula
95016 Greenwood-Gallatin
95047 Gregson-Silver Bow
95036 Greve-Phillips
95049 Greycliff-Sweet Grass
95017 Grisdella-Garfield
95030 Groveland-Meagher

95047 Hackney-Silver Bow
95001 Half Moon-Flathead
95020 Hall-Granite
95028 Hamblin-McCone
95030 Hamen-Meagher
95041 HAMILTON-Ravalli
95006 Hammond-Carter
95014 Hanover-Fergus
95036 Harb-Phillips
95029 Harbison-Madison
95002 HARDIN-Big Horn
95007 Hardy-Cascade
95003 Harlem-Blaine
95054 HARLOWTOWN-Wheatland
95003 Haro-Blaine
95029 Harrison-Madison
95039 Haskell-Powell
95044 Hathaway-Rosebud
95023 Hauck-Judith Basin
95031 Haugan-Mineral
95021 HAVRE-Hill
95017 Haxby-Garfield
95017 Hay Coulee-Garfield
Hayes-Missoula
95003 Hays-Blaine
95040 Hazel-Prairie
95017 Hazny-Garfield
95037 Heart Butte-Pondera
95014 Heath-Fergus
95054 Hedgesville-Wheatland
95025 HELENA-Lewis & Clark
95020 Hellgate-Granite
95039 Helmville-Powell
95031 Henderson-Mineral
95045 Heron-Sanders
95056 Hesper-Yellowstone
95044 Hibbard-Rosebud
95047 Highview-Silver Bow
95008 Highwood-Chouteau
95014 Hilger-Fergus
95026 Hill-Liberty
95009 Hillcrest-Custer
95016 Hillman-Gallatin
95005 Hillsboro-Carbon
95017 Hillside-Garfield
95021 Hingham-Hill
95053 Hinsdale-Valley
95023 Hobson-Judith Basin
95011 Hodges-Dawson
95034 Hoffman-Park
95003 Hogeland-Blaine
95004 Holker-Broadwater
95016 Holland-Gallatin
Holland Lake-Missoula
95022 Homestake-Jefferson
95046 Homestead-Sheridan
95014 Hoosac-Fergus
95008 Hopp-Chouteau
95034 Hoppers-Park
95009 Horton-Custer
95003 Hosey-Blaine
95022 Hot Springs-Jefferson
95045 Hot Springs-Sanders
95044 Howard-Rosebud
95011 Hoyt-Dawson
95049 Hubble-Sweet Grass
95016 Huffine-Gallatin
95023 Hughesville-Judith Basin
95015 Hungry Horse-Flathead
95034 Hunters Hotsprings-Park
95056 Huntley-Yellowstone
Huson-Missoula
95003 Hydro-Blaine
95022 Hyndman-Jefferson
95052 HYSHAM-Treasure

95008 Iliad-Chouteau
95008 Inga-Chouteau
95044 Ingomar-Rosebud
95011 Intake-Dawson
95005 International-Carbon
95021 Inverness-Hill
95005 Iona-Dawson
95002 Ionia-Big Horn
95020 Iris-Granite
95025 Iron-Lewis & Clark
95031 Iron Mountain-Mineral
95029 Iron Rod-Madison
95009 Ismay-Custer
95044 Ivanell-Rosebud

95001 Jackson-Beaverhead
95047 Janney-Silver Bow
95034 Jardine-Park
95029 Jeffers-Madison
95022 Jefferson City-Jefferson
95029 Jefferson Island-Madison
95042 Jenks-Richland
95027 Jennings-Lincoln
95039 Jens-Powell
95015 Jessup-Flathead
95035 Jitney-Petroleum
95007 Johannesburg Spur-Cascade
95025 Johns-Lewis & Clark
95005 Joliet-Carbon
95026 Joplin-Liberty
95044 Joppa-Rosebud
95009 Jordan-Custer
95017 JORDAN-Garfield
95016 Josephine-Gallatin
95054 Judith Gap-Wheatland
95054 Judith Gap Crossing-Wheatland

95003 Kabo-Blaine
95046 Kahle--Sheridan
95022 Kains Spur-Jefferson
95015 KALISPELL-Flathead
95040 Kamm-Prairie
95035 Kelley-Petroleum
95008 Kennilworth-Chouteau
95041 Kenspur-Ravalli
95017 Keplarville-Garfield
95008 Kershaw-Chouteau
95051 Kevin-Toole
95031 Keystone-Mineral
95007 Kibbey-Cascade
95001 Kidd-Beaverhead
95015 Kila-Flathead
95013 Kingmont-Fallon
95038 Kingsley-Powder River
95014 Kingston-Fergus
95026 Kinread-Liberty
95009 Kinsey-Custer
95015 Kintla-Flathead
95053 Kintyre-Valley
95051 Kippen-Toole
95002 Kirby-Big Horn
95033 Klein-Musselshell
95013 Knobs-Fallon
95045 Knowles-Sanders
95009 Knowlton-Custer
95039 Kohrs-Powell
95023 Kolin-Judith Basin
95027 Kootenai Falls-Lincoln
95018 Korner-Glacier
95050 Koyl-Teton
95021 Kremlin-Hill
95038 Kruger-Powder River

95040 Lacombe-Prairie
95026 Laird-Liberty
95015 Lake Five-Flathead
95015 Lake McDonald-Flathead
95015 Lakeside-Flathead
95043 Lakeside-Roosevelt
95001 Lakeview-Beaverhead
95042 Lambert-Richland
95044 Lame Deer-Rosebud
95043 Lanark-Roosevelt
95036 Landusky-Phillips
95042 Lane-Richland
95053 Larb-Valley
95021 Laredo-Hill
95053 Larslan-Valley
95015 LaSalle-Flathead
95056 Laurel-Yellowstone

95029 Laurin-Madison
95019 Lavina-Golden Valley
95029 Lavon-Madison
95030 Lebo-Meagher
95037 Ledger-Pondera
95044 Lee-Rosebud
95036 Leedy-Phillips
95036 Legg-Phillips
95023 Lehigh-Judith Basin
95030 Lennep-Meagher
95003 Leroy-Blaine
95022 Lewis-Jefferson
95007 Lewis Junction-Cascade
95014 LEWISTOWN-Fergus
95027 LIBBY-Lincoln
95001 Lima-Beaverhead
95022 Limespur-Jefferson
95048 Limestone-Stillwater
95025 Lincoln-Lewis & Clark
95011 Lindsay-Dawson
95030 Lingshire-Meagher
95008 Lippard-Chouteau
95008 Liscum-Chouteau
95014 Little Crooked-Fergus
95002 Little Horn-Big Horn
95054 Living Springs-Wheatland
95034 LIVINGSTON-Park
95003 Lloyd-Blaine
95009 Locate-Custer
95056 Lockwood-Yellowstone
95002 Lodge Grass-Big Horn
95038 Loesch-Powder River
95016 Logan-Gallatin
95007 Logging Creek-Cascade
95003 Lohman-Blaine
95043 Lohmiller-Roosevelt
Lolo-Missoula
Lolo Hot Springs-Missoula
95008 Loma-Chouteau
95004 Lombard-Broadwater
95045 Lonepine-Sanders
95031 Lookout-Mineral
95029 Loomont-Madison
95012 Lorenz-Deer Lodge
95036 Loring-Phillips
95036 Lost Lake-Phillips
95026 Lothair-Liberty
Lothrop-Missoula
95022 Louisville-Jefferson
95036 Lovejoy-Phillips
95036 Lowrane-Phillips
95050 Lowry-Teton
95031 Lozeau-Mineral
95043 Lundville-Roosevelt
95015 Lupfer-Flathead
95031 Lusk-Mineral
95053 Lustre-Valley
95005 Luther-Carbon
95016 Lux-Gallatin
95029 Lyon-Madison

95029 McAllister-Madison
95043 McCabe-Roosevelt
95005 McCarthy-Carbon
McClaine-Missoula
95051 McDermott-Toole
95044 McDonald-Sanders
95044 McElroy-Sanders
95029 McHessor-Madison
95049 McLeod-Sweet Grass
McQuarrie-Missoula
95002 McRae-Big Horn
95017 McTwiggan-Garfield
95013 McKenzie-Fallon
95043 Macon-Roosevelt
95003 Maddux-Blaine
95010 Madoc-Daniels
95047 Maiden Rock-Silver Bow
95044 Malaga-Rosebud
95036 MALTA-Phillips
95029 Mammoth-Madison
95007 Manchester-Cascade
95016 Manhattan-Gallatin
95027 Manicke-Lincoln
95025 Manila-Lewis & Clark
95042 Manrock-Richland
95037 Manson-Pondera
95026 Marias-Liberty
95015 Marion-Flathead
95011 Marsh-Dawson
95015 Martin City-Flathead
95030 Martinsdale-Meagher

95025 Marysville-Lewis & Clark
95002 Mascheta-Big Horn
95005 Mason-Carbon
95003 Matador-Blaine
95016 Matthews-Gallatin
95044 Maudlin-Rosebud
95016 Maudlow-Gallatin
95020 Maxville-Granite
95017 Mecaha-Garfield
95046 Medicine Lake-Sheridan
95001 Medicine Lodge-Beaverhead
95053 Meharry-Valley
95047 Melrose-Silver Bow
95033 Melstone-Musselshell
95049 Melville-Sweet Grass
95016 Menard-Gallatin
95023 Mendon-Judith Basin
95009 Meredity-Custer
95023 Merino-Judith Basin
95036 Midale-Phillips
95046 Midby-Sheridan
95007 Midcanon-Cascade
95025 Mike Horse-Lewis & Clark
95040 Mildred-Prairie
95047 Miles-Silver Bow
95009 MILES CITY-Custer
95012 Mill Creek-Deer Lodge
95007 Millegan-Cascade
95006 Mill Iron-Carter
Milltown-Missoula
95034 Miner-Park
95011 Mink-Dawson
95048 Misco-Stillwater
95034 Mission-Park
MISSOULA-Missoula
95009 Mizpah-Custer
95023 Moccasin-Judith Basin
95015 Mock-Flathead
95024 Moiese-Lake
95048 Molt-Stillwater
95042 Mona-Richland
95007 Monarch-Cascade
95001 Monida-Beaverhead
95008 Montague-Chouteau
95022 Montana City-Jefferson
95029 Montbestos-Madison
95015 Montford-Flathead
95014 Moore-Fergus
95038 Moorhead-Powder River
95012 Morel-Deer Lodge
95017 Mosby-Garfield
95056 Mossmain-Yellowstone
95014 Moulton-Fergus
95047 Mountain Junction-Silver Bow
95012 Mountain View Spur-Deer Lodge
95030 Moyne-Meagher
95016 Muir-Gallatin
95034 Muir-Park
95042 Muriel-Richland
95009 Murn-Custer
95033 Musselshell-Musselshell
95052 Myers-Treasure

Nagos-Missoula
95051 Naismith-Toole
95053 Nashua-Valley
95014 Natal-Fergus
95004 Nathan-Broadwater
95010 Navajo-Daniels
Neal-Missoula
95007 Neihart-Cascade
95025 Nelson-Lewis & Clark
95020 New Chicago-Granite
95047 Newcomb-Silver Bow
95030 New Dorsey-Meagher
95042 Newlon Junction-Richland
95056 Newton-Yellowstone
95056 Newton Grove-Yellowstone
95045 Niarada-Sanders
95056 Nibbe-Yellowstone
95028 Nickwall-McCone
95054 Nihill-Wheatland
Nimrod-Missoula
Nine Mile-Missoula
95047 Nissler-Silver Bow
95042 Nohly-Richland
95008 Norbert-Chouteau
95003 Norheim-Blaine
95029 Norris-Madison
95003 North Fork-Blaine

95014 Novary-Fergus
95045 Noxon-Sanders
95015 Nyack-Flathead
95048 Nye-Stillwater

95081 Oilmont-Toole
95054 Oka-Wheatland
95040 Olanda-Prairie
95038 Olive-Powder River
95005 Olivers-Carbon
95013 Ollie-Fallon
95007 Olmstead-Cascade
95015 Olney-Flathead
95054 Olof-Wheatland
95048 Oneida-Stillwater
95009 Oneill-Custer
95053 Opheim-Valley
95044 Orinoco-Rosebud
95056 Osborn-Yellowstone
95021 Oscar-Hill
95010 Ossette-Daniels
95053 Oswego-Valley
95038 Otter-Powder River
95046 Outlook-Sheridan
95039 Ovando-Powell
95054 Oxford-Wheatland
95020 Ozan-Granite

95024 Pablo-Lake
95021 Pacific Junction-Hill
95019 Painted Robe-Golden Valley
95053 Paisley-Valley
95015 Paola-Flathead
95045 Paradise-Sanders
95009 Paragon-Custer
95028 Paris-McCone
95048 Park City-Stillwater
95049 Patcum-Sweet Grass
95016 Patterson-Gallatin
95011 Paxton-Dawson
95011 Peerless-Dawson
95050 Pendroy-Teton
95047 Penfield-Silver Bow
95002 Peritsa-Big Horn
95046 Perma-Sanders
95036 Pershing-Pondera
95014 Petrolia-Fergus
95020 PHILIPSBURG-Granite
95036 Phillips-Phillips
95021 Phipps-Hill
95017 Phon-Garfield
95022 Piedmont-Jefferson
95014 Pinegrove-Fergus
95056 Pineview-Yellowstone
95006 Piniele-Carter
95014 Piper-Fergus
95022 Pipestone-Jefferson
95004 Placer-Broadwater
95045 Plains-Sanders
Plateau-Missoula
95015 Pleasant Valley-Flathead
95046 PLENTYWOOD-Sheridan
95013 Plevna-Fallon
95014 Plum Creek-Fergus
95001 Polaris-Beaverhead
95015 Polebridge-Flathead
95024 POLSON-Lake
95056 Polytechnic-Yellowstone
95056 Pompeys Pillar-Yellowstone
95029 Pony-Madison
95043 Poplar-Roosevelt
95007 Portage-Cascade
95022 Portal-Jefferson
Post-Missoula
Potomac-Missoula
95016 Potter-Gallatin
95038 Powderville-Powder River
95050 Power-Teton
95016 Powers-Gallatin
95014 Pownal-Fergus
95028 Prairie Elk-McCone
95034 Pray-Park
Primrose-Missoula
95024 Proctor-Lake
95007 Project-Cascade
95002 Pryor-Big Horn
95017 Purewater-Garfield
95053 Putnam-Valley

95031 Quartz-Mineral
95054 Quebec-Wheatland

95022 Queen Siding-Jefferson
95038 Quietas-Powder River
Quinns-Missoula

95039 Race Track-Powell
95004 Radersburg-Broadwater
95024 Radio-Lake
95015 Radnor-Flathead
95044 Rahway-Rosebud
95007 Rainbow-Cascade
95003 Ramburg-Blaine
95047 Ramsay-Silver Bow
95038 Ranchcreek-Powder River
95052 Rancher-Treasure
95027 Rankin-Lincoln
95048 Rapelje-Stillwater
95048 Rapids-Stillwater
95003 Rattlesnake-Blaine
95024 Ravalli-Lake
95020 Ravenna-Granite
95014 Rayfield-Fergus
95046 Raymond-Sheridan
95023 Raynesford-Judith Basin
95044 Rea-Rosebud
95005 RED LODGE-Carbon
95001 Red Rock-Beaverhead
95046 Redstone-Sheridan
95028 Redwater-McCone
95048 Reedpoint-Stillwater
95036 Regina-Phillips
95001 Reichle-Beaverhead
Reid-Missoula
95016 Rekap-Gallatin
95022 Renova-Jefferson
95046 Reserve-Sheridan
95050 Rex-Teton
95027 Rexford-Lincoln
95049 Reynolds-Sweet Grass
95007 Riceville-Cascade
95045 Richards-Sanders
95011 Richey-Dawson
95053 Richland-Valley
95006 Ridge-Carter
95042 Ridgelawn-Richland
95006 Ridgway-Carter
95025 Riebeling-Lewis & Clark
95003 Riedel-Blaine
95025 Rimini-Lewis & Clark
95011 Rimroad-Dawson
95056 Rimrock-Yellowstone
95044 Rim Rocks-Rosebud
95030 Ringling-Meagher
95027 Ripley-Lincoln
95007 Riverdale-Cascade
95011 Riverside-Dawson
95031 Rivulet-Mineral
95053 Roanwood-Valley
95005 Roberts-Carbon
95029 Rochester-Madison
95034 Rockcreek-Park
95047 Rocker-Silver Bow
95044 Rock Springs-Rosebud
95005 Rockvale-Carbon
95021 Rocky Boy-Hill
95023 Rocky Spur-Judith Basin
95027 Roe-Lincoln
95024 Rollins-Lake
95024 Ronan-Lake
95027 Rondo-Lincoln
95005 Roscoe-Carbon
95004 Rosebud-Rosebud
95015 Rose Crossing-Flathead
95041 Rosemont-Ravalli
95017 Ross-Garfield
95014 Ross Fork-Fergus
95019 Rothiemay-Golden Valley
95024 Round Butte-Lake
95033 ROUNDUP-Musselshell
95002 Rowley-Big Horn
95014 Roy-Fergus
95014 Roy Junction-Fergus
95029 Ruby-Madison
95021 Rudyard-Hill
Rumble Creek-Missoula
95008 Russell-Chouteau
95019 RYEGATE-Golden Valley

95036 Saco-Phillips
95019 Sahara-Golden Valley
95024 St. Ignatius-Lake

95021 St. Joseph-Hill
95003 Saint Pauls-Blaine
95007 Saint Peter-Cascade
95055 Saint Philip-Wibaux
95031 St. Regis-Mineral
95002 Saint Xavier-Big Horn
95007 Salem-Cascade
95031 Saltese-Mineral
95039 Sampson-Powell
95007 Sandcoulee-Cascade
95028 Sand Creek-McCone
95052 Sanders-Treasure
95017 Sand Springs-Garfield
95018 Santa Rita-Glacier
95016 Sappington-Gallatin
95002 Sarpy-Big Horn
95040 Saugus-Prairie
95042 Savage-Richland
95003 Savoy-Blaine
95038 Sayle-Powder River
95008 Sayre-Chouteau
95039 Schatz-Powell
Schley-Missoula
95010 SCOBEY-Daniels
Seeley Lake-Missoula
95024 Seines-Lake
95043 Seips-Roosevelt
95054 Selkirk-Wheatland
95026 Selma-Liberty
95005 Selmes-Carbon
95038 Selway-Powder River
95018 Sexton-Glacier
95021 Shambo-Hill
95054 Shawmut-Wheatland
95009 Sheffield-Custer
95051 SHELBY-Toole
95056 Shepherd-Yellowstone
95029 Sheridan-Madison
95034 Shields-Park
95009 Shirley-Custer
95008 Shonkin-Chouteau
95056 Shorey-Yellowstone
95005 Shriver-Carbon
95042 SIDNEY-Richland
95005 Silesia-Carbon
95012 Silica-Deer Lodge
95047 Silverbow-Silver Bow
95034 Silver Gate-Park
95029 Silverstar-Madison
95051 Simia-Toole
95007 Simms-Cascade
95021 Simpson-Hill
95039 Sinclair-Powell
95042 Sioux Pass-Richland
95014 Sipple-Fergus
95030 Sixteen-Meagher
95047 Skones-Silver Bow
95039 Skyline-Powell
95019 Slayton-Golden Valley
95045 Sloan-Sanders
95045 Smeads-Sanders
95043 Snowden-Roosevelt
95045 Snider-Sanders
95001 Snowline-Beaverhead
95031 Sohon-Mineral
95015 Somers-Flathead
95038 Sonnette-Powder River
95043 Soo-Roosevelt
Soudan-Missoula
95012 Southern Cross-Deer Lodge
95016 Spain-Gallatin
95034 Sphinx-Park
95023 Spion Kop-Judith Basin
95022 Spire Rock-Jefferson
95034 Springdale-Park
95031 Spring Gulch-Mineral
95016 Springhill-Gallatin
95048 Springtime-Stillwater
95043 Sproie-Roosevelt
95008 Square Butte-Chouteau
95038 Stacey-Powder River
95035 Staff-Petroleum
95007 Stainsby-Cascade
95023 STANFORD-Judith Basin
Stark-Missoula
95012 Staton-Deer Lodge
95044 Steve Fork-Rosebud
95041 Stevensville-Ravalli
95011 Stipek-Dawson
95007 Stockett-Cascade

95020 Stone-Granite
95009 Stone Shack-Custer
95027 Stonehill-Lincoln
95016 Storey-Gallatin
95036 Strater-Phillips
95014 Straw-Fergus
95027 Stryker-Lincoln
95012 Stuart-Deer Lodge
95014 Suffolk-Fergus
95041 Sula-Ravalli
95011 Sullivan-Dawson
95044 Sumatra-Rosebud
95015 Summit-Flathead
95016 Summit-Gallatin
95018 Summit-Glacier
95051 Sunburst-Toole
95007 Sunnyside-Cascade
95036 Sun Prairie-Phillips
95007 Sun River-Cascade
Sunset-Missoula
95031 SUPERIOR-Mineral
95040 Sutherland-Prairie
95024 Swan Lake-Lake
95051 Sweetgrass-Toole
95007 Swift-Cascade
95034 Swingley-Park

95048 Tacy-Stillwater
95031 Taft-Mineral
95045 Talc-Sanders
95031 Tammany-Mineral
95053 Tampico-Valley
95031 Tarkio-Mineral
95017 Taylor Creek-Garfield
95006 Teedee-Carter
95035 Teigen-Petroleum
95036 Telegraph Creek-Phillips
95051 Telstad-Toole
95040 TERRY-Prairie
95008 Teton-Chouteau
95044 Thebes-Rosebud
Thelma-Missoula
95053 Thoeny-Valley
95045 THOMPSON FALLS-Sanders
95042 Three Buttes-Richland
95016 Three Forks-Gallatin
95044 Thurlow-Rosebud
95017 Thurston-Garfield
95026 Tiber-Liberty
95003 Timber Ridge-Blaine
95017 Tindall-Garfield
95027 Tobacco-Lincoln
95053 Tobison-Valley
95021 Toledo-Hill
95002 Toluca-Big Horn
95013 Tonquin-Fallon
95031 Toole-Mineral
95016 Torbet-Gallatin
95004 Toston-Broadwater
95004 TOWNSEND-Broadwater
95007 Tracy-Cascade
95015 Trailcreek-Flathead
95034 Trail Creek-Park
95022 Trask-Jefferson
95034 Tregloan-Park
95027 Trego-Lincoln
95016 Trident-Gallatin
95036 Trine-Phillips
95045 Trout Creek-Sanders
95027 Troy-Lincoln
95041 Tucker-Ravalli
95008 Tunis-Chouteau
Turah-Missoula
95003 Turner-Blaine
95045 Tuscor-Sanders
95009 Tusler-Custer
95027 Tweed-Lincoln
95003 Twete-Blaine
95029 Twin Bridges-Madison
Twin Creeks-Missoula
95054 Twodot-Wheatland
95014 Tyler-Fergus
95007 Tylers Spur-Cascade
95005 Tyndell-Carbon

95017 Uebra-Garfield
95007 Ulm-Cascade
95009 Ulmer-Custer
95007 Underdahl-Cascade
95011 Union-Dawson

95017 Uoll Heights-Garfield
95027 Ural-Lincoln
95023 Utica-Judith Basin

95054 Valencia-Wheatland
95014 Valentine-Fergus
95037 Valier-Pondera
95036 Valleytown-Phillips
95051 Van-Toole
95044 Vananda-Rosebud
95053 Vandalia-Valley
95017 Van Norman-Garfield
95044 Vanstel-Rosebud
95029 Varney-Madison
95034 Vaters-Park
95007 Vaughn-Cascade
95019 Vebar-Golden Valley
95022 Vendemo-Jefferson
95008 Verona-Chouteau
95041 Victor-Ravalli
95028 Vida-McCone
95016 Vincent-Gallatin
95051 Virden-Toole
95008 Virgelle-Chouteau
95029 VIRGINIA CITY-Madison
95015 Vista-Flathead
95009 Volburg-Custer
95027 Volcour-Lincoln
95043 Volt-Roosevelt

95014 Wachusett-Fergus
95056 Waco-Yellowstone
95005 Wade-Carbon
95036 Wagner-Phillips
95036 Waleston-Phillips
95047 Walkerville-Silver Bow
95019 Wallum-Golden Valley
95008 Waltham-Chouteau
95056 Wanetta-Yellowstone
95046 Wanao-Sheridan
95014 Ware-Fergus
95027 Warland-Lincoln
95012 Warm Springs-Deer Lodge
95005 Warren-Carbon
95008 Warrick-Chouteau
95005 Washoe-Carbon
95043 Waska-Roosevelt
95017 Wason Flats-Garfield
95048 Wataga-Stillwater
95029 Waterloo-Madison
95028 Watkins-McCone
95030 Watson-Meagher
95007 Wayne-Cascade
95013 Webster-Fallon
95025 Weed-Lewis & Clark
95045 Weeksville-Sanders
95022 Welch-Jefferson
95028 Weldon-McCone
95007 Wellwood Spur-Cascade
95035 Welter-Petroleum
95053 Wendell-Valley
95047 West Butte-Silver Bow
95051 Westbutte-Toole
95046 Westby-Sheridan
95016 West End-Gallatin
95031 Westfall-Mineral
95010 West Fork-Daniels
95016 West Gallatin-Gallatin
95013 Westmore-Fallon
95016 West Yellowstone-Gallatin
95053 Whately-Valley
95048 Wheat Basin-Stillwater
95033 Wheaton-Musselshell
95053 Wheeler-Valley
95016 White-Gallatin
95015 Whitefish-Flathead
95022 Whitehall-Jefferson
95045 Whitepine-Sanders
95030 WHITE SULPHUR SPRINGS-Meagher
95010 Whitetail-Daniels
95036 White Water-Phillips
95026 Whitlash-Liberty
95040 Whitney-Prairie
95055 WIBAUX-Wibaux
95022 Wickes-Jefferson
95056 Wickett-Yellowstone
95025 Wilborn-Lewis & Clark
95014 Wilder-Fergus
95013 Willard-Fallon

95037 Williams-Pondera
95007 Williard Junction-Cascade
95020 Willis-Granite
95016 Willow Creek-Gallatin
95012 Willow Creek-Deer Lodge
95034 Wilsall-Park
95023 Windham-Judith Basin
95014 Winifred-Fergus
95054 Winnecook-Wheatland
95035 WINNETT-Petroleum
95004 Winston-Broadwater
95053 Wiota-Valley
95001 Wisdom-Beaverhead
95001 Wise River-Beaverhead
95016 Wisner-Gallatin
95037 Withey-Pondera
95025 Wolf Creek-Lewis & Clark
95043 WOLF POINT-Roosevelt
95047 Woodin-Silver Bow
95045 Woodin-Sanders
95011 Woodrow-Dawson
95041 Woodside-Ravalli
95022 Woodville-Jefferson
Woodworth-Missoula
95036 Wooldridge-Phillips
95056 Worden-Yellowstone
95054 Wright-Wheatland
95001 Wyno-Beaverhead
95002 Wyola-Big Horn

95021 Xenia-Hill

95027 Yaak-Lincoln
95027 Yakt-Lincoln
95027 Yarnell-Lincoln
95055 Yates-Wibaux
95056 Yegen-Yellowstone
95036 Ynot-Phillips
95048 Youngs Point-Stillwater

95040 Zero-Prairie
95036 Zortman-Phillips
95003 Zurich-Blaine

APPENDIX F

CIVIL DIVISION CODES - STATE OF IDAHO

CODE	CITY	COUNTY
96006	Aberdeen	Bingham
96034	Acequia	Minidoka
96003	Alameda	Bannock
96016	Albion	Cassia
96039	American Falls	Power
96010	Ammon	Bonneville
96012	Arco	Butte
96003	Arimo	Bannock
96022	Ashton	Fremont
96028	Athol	Kootenai
96006	Atomic City	Bingham
96015	Bancroft	Caribou
96006	Besalt	Bingham
96007	Bellevue	Blaine
96006	Blackfoot	Bingham
96024	Bliss	Gooding
96004	Bloomington	Bear Lake
96001	Boise City	Ada
96011	Bonners Ferry	Boundary
96029	Bovill	Latah
96042	Buhl	Twin Falls
96016	Burley	Cassia
96012	Butte City	Butte
96014	Caldwell	Canyon
96044	Cambridge	Washington
96043	Cascade	Valley
96042	Castleford	Twin Falls
96019	Challis	Custer
96005	Chatcolet	Benewah
96003	Chubbuck	Bannock
96009	Clarks Fork	Bonner
96028	Clarksville	Kootenai
96021	Clifton	Franklin
96028	Coeur d'Alene	Kootenai
96001	Collister	Ada
96025	Cottonwood	Idaho
96002	Council	Adams
96031	Craigmont	Lewis

CODE	CITY	COUNTY
96008	Crouch	Boise
96035	Culdesac	Nez Perce
96033	Dalby	Madison
96028	Dalton Gardens	Kootenai
96021	Dayton	Franklin
96029	Deary	Latah
96016	Declo	Cassia
96032	Dietrich	Lincoln
96043	Donnelly	Valley
96003	Downey	Bannock
96041	Driggs	Teton
96022	Drummond	Fremont
96017	DuBois	Clark
96009	East Hope	Bonner
96028	Eddiville	Kootenai
96027	Eden	Jerome
96018	Elk River	Clearwater
96023	Emmett	Gem
96013	Fairfield	Camas
96025	Ferdinand	Idaho
96028	Fernan Lake	Kootenai
96042	Filler	Twin Falls
96006	Firth	Bingham
96001	Franklin	Ada
96021	Franklin	Franklin
96038	Fruitland	Payette
96001	Garden City	Ada
96029	Genessee	Latah
96004	Georgetown	Bear Lake
96020	Glenns Ferry	Elmore
96024	Gooding	Gooding
96015	Grace	Caribou
96025	Grangeville	Idaho
96024	Hagerman	Gooding
96007	Hailey	Blaine
96026	Hamer	Jefferson
96042	Hansen	Twin Falls
96028	Harrison	Kootenai
96028	Hauser Lake	Kootenai
96028	Hayden	Kootenai
96028	Hayden Lake	Kootenai
96027	Hazelton	Jerome
96026	Heise	Jefferson
96034	Heyburn	Minidoka

CODE	CITY	COUNTY
96042	Hollister	Twin Falls
96037	Homedale	Owyhee
96009	Hope	Bonner
96008	Horseshoe Bend	Boise
96028	Huetter	Kootenai
96008	Idaho City	Boise
96010	Idaho Falls	Bonneville
96003	Inkom	Bannock
96010	Iona	Bonneville
96010	Irwin	Bonneville
96022	Island Park	Fremont
96027	Jerome	Jerome
96029	Juliaetta	Latah
96031	Kamiah	Lewis
96040	Kellogg	Shoshone
96029	Kendrick	Latah
96007	Ketchum	Blaine
96042	Kimberly	Twin Falls
96025	Kooskia	Idaho
96009	Kootenai	Bonner
96001	Kuna	Ada
96035	Lapwai	Nez Perce
96003	Lava Hot Springs	Bannock
96030	Leadore	Lemhi
96035	Lewiston	Nez Perce
96035	Lewiston Orchards	Nez Perce
96026	Lewisville	Jefferson
96019	Lost River	Custer
96043	McCall	Valley
96003	McCommon	Bannock
96019	Mackay	Custer
96036	Malad City	Oneida
96037	Marsing	Owyee
96022	Marysville	Fremont
96014	Melba	Canyon
96026	Menan	Jefferson
96001	Meridian	Ada
96014	Middleton	Canyon
96044	Midvale	Washington
96034	Minidoka	Minidoka
96021	Mink Creek	Franklin
96004	Montpelier	Bear Lake
96012	Moore	Butte
96029	Moscow	Latah
96020	Mountain Home	Elmore
96001	Mountain View	Ada

CODE	CITY	COUNTY
96011	Movie Springs	Boundary
96026	Mud Lake	Jefferson
96040	Mullan	Shoshone
96042	Murtaugh	Twin Falls
96014	Nampa	Canyon
96022	Newdale	Fremont
96002	New Meadows	Adams
96038	New Plymouth	Payette
96031	Nez Perce	Lewis
96014	Notus	Canyon
96016	Oakley	Cassia
96009	Oldtown	Bonner
96029	Oneway	Latah
96018	Orofino	Clearwater
96040	Osburn	Shoshone
96021	Oxford	Franklin
96004	Paris	Bear Lake
96022	Parker	Fremont
96014	Parma	Canyon
96030	Patterson	Lemhi
96034	Paul	Minidoka
96038	Payette	Payette
96023	Pear	Gem
96035	Peak	Nez Perce
96018	Pierce	Clearwater
96040	Pinehurst	Shoshone
96008	Placerville	Boise
96005	Plummer	Benewah
96003	Pocatello	Bannock
96009	Ponderay	Bonner
96028	Post Falls	Kootenai
96029	Potlatch	Latah
96021	Preston	Franklin
96009	Priest River	Bonner
96028	Rathdrum	Kootenai
96031	Reubens	Lewis
96033	Rexburg	Madison
96032	Richfield	Lincoln
96026	Rigby	Jefferson
96025	Riggins	Idaho
96010	Ririe	Bonneville
96026	Roberts	Jefferson
96039	Rockland	Power
96034	Rupert	Minidoka

CODE	CITY	COUNTY
96022	St. Anthony	Fremont
96004	St. Charles	Beak Lake
96005	St. Maries	Benewah
96030	Salmon	Lemhi
96009	Sanpoint	Bonner
96006	Shelley	Bingham
96032	Shoshone	Lincoln
96040	Smelterville	Shoshone
96015	Soda Springs	Caribou
96001	South Boise	Ada
96017	Spencer	Clark
96028	Spirit Lake	Kootenai
96019	Stanley	Custer
96028	State Line	Kootenai
96025	Stites	Idaho
96033	Sugar City	Madison
96007	Sun Valley	Blaine
96010	Swan Valley	Bonneville
96005	Tensed	Benewah
96022	Tenton	Fremont
96041	Tetonia	Teton
96029	Troy	Latah
96042	Twin Falls	Twin Falls
96010	Ucon	Bonneville
96041	Victor	Teton
96040	Wallace	Shoshone
96040	Wardner	Shoshone
96022	Warm River	Fremont
96044	Weiser	Washington
96024	Wendell	Gooding
96021	Weston	Franklin
96025	Whitebird	Idaho
96001	Whitney	Ada
96014	Wilder	Canyon
96031	Winchester	Lewis
96028	Worley	Kootenai

APPENDIX G

CIVIL DIVISION CODES

STATE OF WYOMING

CODE	NAME	COUNTY
97012	Afton	Lincoln
97011	Albin	Laramie
97004	Baggs	Carbon
97002	Basin	Big Horn
97018	Big Piney	Sublette
97010	Buffalo	Johnson
97011	Burns	Laramie
97002	Byron	Big Horn
97013	Casper	Natrona
97011	Cheyenne	Laramie
97016	Chugwater	Platte
97017	Clearmont	Sheridan
97015	Cody	Park
97012	Cokeville	Lincoln
97002	Cowley	Big Horn
97017	Dayton	Sheridan
97002	Deaver	Big Horn
97012	Diamondville	Lincoln
97004	Dixon	Carbon
97005	Douglas	Converse
97007	DuBois	Fremont
97009	East Thermopolis	Hot Springs
97013	Edgerton	Natrona
97004	Elk Mountain	Carbon
97004	Elmo	Carbon
97004	Encampment	Carbon
97021	Evanston	Uinta
97013	Evansville	Natrona
97008	Fort Laramie	Goshen
97011	Fox Farm	Laramie
97002	Frannie	Big Horn
97003	Gillette	Campbell
97016	Glendo	Platte
97005	Glenrock	Converse
97019	Green River	Sweetwater
97019	Granger	Sweetwater
97002	Greybull	Big Horn
97016	Guernsey	Platte
97004	Hanna	Carbon

CODE	NAME	COUNTY
97016	Hartville	Platte
97007	Hudson	Fremont
97006	Hulett	Crook
97020	Jackson	Teton
97010	Kaycee	Johnson
97012	Kemmerer	Lincoln
97009	Kirby	Hot Springs
97008	LaGrange	Goshen
97007	Lander	Fremont
97001	Laramie	Albany
97008	Lingle	Goshen
97007	Lost Cabin	Fremont
97005	Lost Springs	Converse
97002	Lovell	Big Horn
97014	Lusk	Niobrara
97021	Lyman	Vinta
97002	Manderson	Big Horn
97014	Manville	Niobrara
97018	Marbleton	Sublette
97004	Medicine Bow	Carbon
97015	Meeteetse	Park
97013	Mills	Natrona
97006	Moorcroft	Crook
97013	Mountain View	Natrona
97023	Newcastle	Weston
97012	Opal	Lincoln
97011	Orchard Valley	Laramie
97007	Pavillion	Fremont
97011	Pine Bluffs	Laramie
97018	Pinedale	Sublette
97015	Powell	Park
97019	Quealy	Sweetwater
97017	Ranchester	Sheridan
97004	Rawlins	Carbon
97004	Riverside	Carbon
97007	Riverton	Fremont
97001	Rock River	Albany
97019	Rock Springs	Sweetwater
97004	Saratoga	Carbon
97017	Sheridan	Sheridan
97007	Shoshoni	Fremont
97004	Sinclair	Carbon
97019	South Superior	Sweetwater
97006	Sundance	Crook

CODE	NAME	COUNTY
97019	Superior	Sweetwater
97022	Ten Sleep	Washakie
97012	Thayne	Lincoln
97009	Thermopolis	Hot Springs
97008	Torrington	Goshen
97023	Upton	Weston
97014	Van Tassell	Niobrara
97019	Wamsutter	Sweetwater
97016	Wheatland	Platte
97022	Worland	Washakie
97008	Yoder	Goshen

APPENDIX H

COUNTY CODES - STATE OF MONTANA

Beaverhead	95001
Big Horn	95002
Blaine	95003
Broadwater	95004
Carbon	95005
Carter	95006
Cascade	95007
Chouteau	95008
Custer	95009
Daniels	95010
Dawson	95011
Deer	95012
Fallon	95013
Fergus	95014
Flathead	95015
Gallatin	95016
Garfield	95017
Glacier	95018
Golden Valley	95019
Granite	95020
Hill	95021
Jefferson	95022
Judith Basin	95023
Lake	95024
Lewis and Clark	95025
Liberty	95026
Lincoln	95027
McCone	95028
Madison	95029
Meagher	95030
Mineral	95031
Missoula	See Analysis Zone Maps
Musselshell	95033
Park	95034
Petroleum	95035
Phillips	95036
Pondera	95037
Powder River	95038
Powell	95039
Prairie	95040
Ravalli	95041
Richland	95042

Roosevelt	95043
Rosebud	95044
Sanders	95045
Sheridan	95046
Silver	95047
Stillwater	95042
Sweet Grass	95049
Teton	95050
Toole	95051
Treasure	95052
Valley	95053
Wheatland	95054
Wibaux	95055
Yellowstone	95056
Yellowstone National Park (Part of)	95057

APPENDIX I

COUNTY CODES - STATE OF IDAHO

ADA	96001
ADAMS	96002
BANNOCK	96003
BEAR LAKE	96004
BENEWAH	96005
BINGHAM	96006
BLAINE	96007
BOISE	96008
BONNER	96009
BONNEVILLE	96010
BOUNDARY	96011
BUTTE	96012
CAMAS	96013
CANYON	96014
CARIBOU	96015
CASSIA	96016
CLARK	96017
CLEARWATER	96018
CUSTER	96019
ELMORE	96020
FRANKLIN	96021
FREMONT	96022
GEM	96023
GOODING	96024
IDAHO	96025
JEFFERSON	96026
JERÓME	96027
KOOTENAI	96028
LATAH	96029
LEMHI	96030
LEWIS	96031
LINCOLN	96032
MADISON	96033
MINIDOKA	96034
NEZ PERCE	96035
ONEIDA	96036
OWYHEE	96037
PAYETTE	96038
POWER	96039
SHOSHONE	96040
TETON	96041
TWIN FALLS	96042
VALLEY	96043
WASHINGTON	96044
YELLOWSTONE NATIONAL PARK (Part of)	96045

APPENDIX J

COUNTY CODES - STATE OF WYOMING

Albany	97001
Big Horn	97002
Campbell	97003
Carbon	97004
Converse	97005
Crook	97006
Fremont	97007
Goshen	97008
Hot Springs	97009
Johnson	97010
Laramie	97011
Lincoln	97012
Natrona	97013
Niobrara	97014
Park	97015
Platte	97016
Sheridan	97017
Sublette	97018
Sweetwater	97019
Teton	97020
Uinta	97021
Washakie	97022
Weston	97023
Yellowstone National Park	97024

APPENDIX K

STATE CODES

ALABAMA		98001
ALASKA		98002
ARIZONA		98003
ARKANSAS		98004
CALIFORNIA		98005
COLORADO		98006
CONNECTICUT		98007
DELAWARE		98008
DISTRICT OF COLUMBIA		98009
FLORIDA		98010
GEORGIA		98011
HAWAII		98012
IDAHO	See Appendices	F & I
ILLINOIS		98014
INDIANA		98015
IOWA		98016
KANSAS		98017
KENTUCKY		98018
LOUISIANA		98019
MAIN		98020
MARYLAND		98021
MASSACHUSETTS		98022
MICHIGAN		98023
MINNESOTA		98024
MISSISSIPPI		98025
MISSOURI		98026
MONTANA	See Appendices	E & H
NEBRASKA		98028
NEVADA		98029
NEW HAMPSHIRE		98030
NEW JERSEY		98031
NEW MEXICO		98032
NEW YORK		98033
NORTH CAROLINA		98034
NORTH DAKOTA		98035
OHIO		98036
OKLAHOMA		98037
OREGON		98038
PENNSYLVANIA		98039
RHODE ISLAND		98040
SOUTH CAROLINA		98041
SOUTH DAKOTA		98042
TENNESSEE		98043
TEXAS		98044

UTAH	98045
VERMONT	98046
VIRGINIA	98047
WASHINGTON	98048
WEST VIRGINIA	98049
WISCONSIN	98050
WYOMING	See Appendices G & J

APPENDIX L

FOREIGN AREA CODES

ALBERTA	99001
BRITISH COLUMBIA	99002
CENTRAL AMERICA	99003
MANITOBA	99004
MEXICO	99005
NEW BRUNSWICK	99006
NEW FOUNDLAND	99007
NORTHWEST TERRITORY	99008
NOVA SCOTIA	99009
ONTARIO	99010
PRINCE EDWARD ISLAND	99011
QUEBEC	99012
SASKATCHEWAN	99013
YUKON TERRITORY	99014

APPENDIX M

TRAVEL TIME CODES

HOUR BEGINNING	CODE
1:00 AM	01
2:00 "	02
3:00 "	03
4:00 "	04
5:00 "	05
6:00 "	06
7:00 "	07
8:00 "	08
9:00 "	09
10:00 "	10
11:00 "	11
12:00 Noon	12
1:00 PM	13
2:00 "	14
3:00 "	15
4:00 "	16
5:00 "	17
6:00 "	18
7:00 "	19
8:00 "	20
9:00 "	21
10:00 "	22
11:00 "	23
12:00 Midnight	24

MINUTES	CODE
0- 5	0
6-11	1
12-17	2
18-23	3
24-29	4
30-35	5
36-41	6
42-47	7
48-53	8
54-59	9

APPENDIX N

EXTERNAL SURVEY INTERVIEW STATIONS

STATION NO.	CODE	LOCATION
1	01	U.S. Highway 10 and 93 west of Missoula near the U.S. Forest Service Smoke Jumper's School
7	07	U.S. Highway 10 east of Missoula near the Marshall Creek Road
14	14	U.S. Highway 93 south of Missoula, 1/2 mile south of intersection of Dead Man Gulch Road
20	20	Mullan Road, County Road No. 1, 1/4 mile west of intersection of County Road No. 17

APPENDIX O

TRIP CALENDAR - EXTERNAL SURVEY

DATE			MONTH	WEEK	DAY
August	23	Monday	08	4	1
"	24	Tuesday	08	4	2
"	25	Wednesday	08	4	3
"	26	Thursday	08	4	4
"	27	Friday	08	4	5
"	30	Monday	08	5	1
"	31	Tuesday	08	5	2
September	1	Wednesday	09	1	3
"	2	Thursday	09	1	4
"	3	Friday	09	1	5
"	6	Monday	09	2	1
"	7	Tuesday	09	2	2
"	8	Wednesday	09	2	3
"	9	Thursday	09	2	4
"	10	Friday	09	2	5
"	13	Monday	09	3	1
"	14	Tuesday	09	3	2
"	15	Wednesday	09	3	3
"	16	Thursday	09	3	4
"	17	Friday	09	3	5

APPENDIX P

CODING FORMS

FORM T-23	CODING CONTROL FORM
FORM T-24	CHECK CODE - INTERVIEW ADDRESS SUMMARY
FORM T-25	CHECK CODE - INTERNAL TRIP REPORT
FORM T-26	CHECK CODE - TRUCK AND TAXI REPORT
FORM T-27	CHECK CODE - TRUCK AND TAXI TRAVEL REPORT
FORM T-28	CHECK CODE - EXTERNAL SURVEY
FORM T-29	PARKING QUESTIONNAIRE
FORM T-30	CODERS WEEKLY PRODUCTION REPORT

MISSOULA, MONTANA

CODING CONTROL FORM

LIST NUMBER	TRAVEL DATE	NUMBER OF INTER.	BEFORE CLERK		GEO. CODING		GEN. CODING		CHECK CODING		QUALITY CONT		FINAL CLERK		KEY PUNCH		VERIFY	
			IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT

FORM T-23

URBAN TRANSPORTATION STUDY

MISSOULA, MONTANA

CHECK CODE - INTERVIEW ADDRESS SUMMARY

		CODED	CHECK CODED
SECTION I	CARD NUMBER	1	1
	CENSUS TRACT NUMBER		
	A. TRAVEL DAY, LIST NO., LINE NO.		
	B. STRUCTURE TYPE	MIXED ☐	MIXED ☐
	C. TYPE OF LIVING QUARTERS		
	D. INTERVIEW ADDRESS		
SECTION II	A. HOW MANY CARS OWNED HERE?	☐ ☐	☐ ☐
	B. HOW MANY PERSONS LIVE HERE?		
	C. HOW MANY PERSONS 5 YEARS & OVER?		
	D. HOW MANY OUT OF AREA VISITORS?		
	E. SEX AND RACE OF HEAD OF HOUSEHOLD		
	F. FAMILY INCOME RANGE		
SECTION V	A. TRIPS REPORTED AT THIS ADDRESS		
	B. PERSONS MAKING TRIPS		
	C. PERSONS NOT MAKING TRIPS		
	D. PERSONS 16 YEARS AND OVER		
	E. PERSONS 16 YEARS AND OVER LICENSED TO DRIVE		
	F. COMPLETED OR NON-INTERVIEW CODE		

CHECK CODER _____ DATE _____ QUALITY CONTROL _____ DATE _____

FORM T-24

MISSOULA, MONTANA

SECTION IV

CHECK CODE - INTERNAL TRIP REPORT

CARD NUMBER 2

SAMPLE NUMBER

A	B	C		D		E		F								G								H		J				K						L		M	N	O	P
SEX - RACE	AGE	OCCUPATION	INDUSTRY	PERSON NUMBER		TRIP NUMBER		ORIGIN								DESTINATION								TRIP PURPOSE		LAND USE				TIME OF						BLOCKS WALKED		MODE TR.	CAR AVAIL.	PASSENGER	PARKING
																								F	T	O		D		START			ARRIVAL			O	D				
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	.24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

TOTAL ERRORS

FORM T-25

URBAN TRANSPORTATION STUDY

MISSOULA, MONTANA

CHECK CODE - TRUCK AND TAXI REPORT

SECTION I

CARD NUMBER

7. SAMPLE NUMBER

8. GARAGING ADDRESS

9. LICENSE NUMBER

10. VEHICLE TYPE

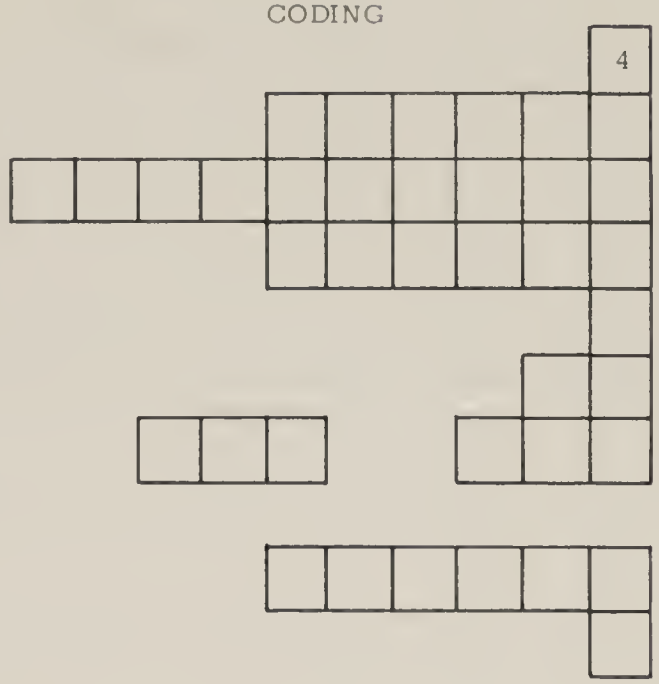
11. BUSINESS-INDUSTRY OF OWNER

12-13 TOTAL TRIPS - MILES TRAVELED

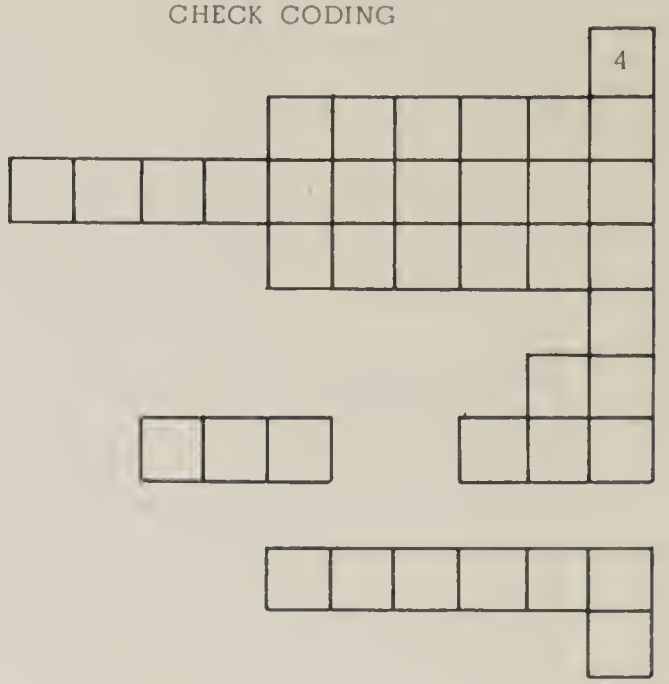
5. ZONE NUMBER

6. FINAL DISPOSITION CODE

CODING



CHECK CODING



CHECK CODE _____ DATE _____ QUALITY CONTROL _____ DATE _____

FORM T-26

CHECK CODE - TRUCK AND TAXI TRAVEL REPORT

SAMPLE NUMBER | | | | | |

A			B					C					D	E	F		G		H			I		
TRIP NUMBER			ORIGIN					DESTINATION					TRIP PURPOSE		LAND USE				TIME					
													F	T	ORIG		DEST		START			ARRIVAL		
40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
TOTAL ERRORS																								

ORM T-27

URBAN TRANSPROTATION STUDY

MISSOULA, MONTANA

CHECK CODE - EXTERNAL TRIP REPORT

CARD NO. ☐ STATION ☐☐ DATE ☐☐☐☐ HOUR PERIOD ☐☐ IN-OUT ☐

1			2	3	4					5					6		7		8	9		10
SERIAL NUMBER			VEH. TYPE	NO. OCCUP.	ORIGIN					DESTINATION					LAND USE		TRIP PRP.		HOME-GAR.	EXIT ENT.		STOP PURP.
																	F	T				
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

TOTAL ERRORS

CHECK CODER _____ DATE _____

QUALITY CONTROL _____ DATE _____

FORM T-28

URBAN TRANSPORTATION STUDY - MISSOULA MONTANA - PARKING QUESTIONNAIRE FORM 1-25

Cd No	LOCATION						Veh Tpe	Time In			Time Out			ORIGIN					DESTINATION					Prp.	Home Address														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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URBAN TRANSPORTATION STUDY

MISSOULA, MONTANA

CODERS WEEKLY PRODUCTION REPORT

WEEK OF _____ CODER _____

DAY	DATE	SURVEY	BATCH	NO. OF SCHEDULES	NO. OF TRIPS CODED	ERRORS	REMARKS
MONDAY							
TUESDAY							
WEDNESDAY							
THURSDAY							
FRIDAY							
TOTALS							

FORM T-30